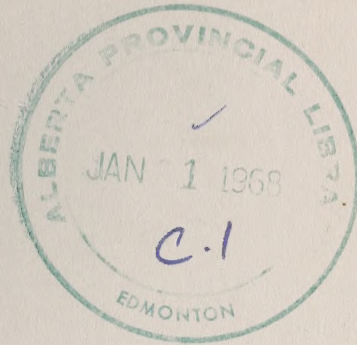


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ANNUAL REPORT  
OF THE  
DEPARTMENT  
OF HIGHWAYS  
OF THE  
PROVINCE OF ALBERTA  
1966 - 67

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PUBLISHED BY  
ORDER OF THE LEGISLATIVE ASSEMBLY

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1967

PRINTED BY LEE S. WALL, PRINTER TO THE QUEEN'S MOST EXCELLENT MAJESTY  
EDMONTON, ALBERTA







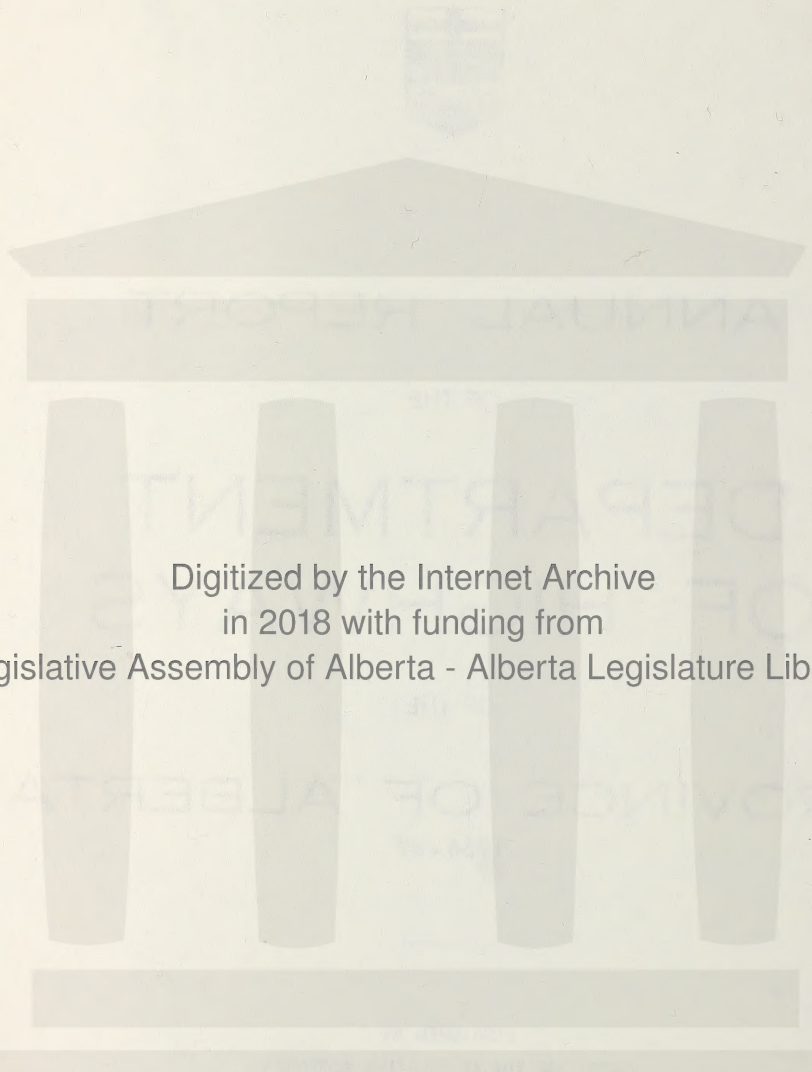
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EDMONTON, September 29th, 1967

To His Honour,

J. W. GRANT MacEWAN,

Lieutenant Governor of the Province of Alberta.

Sir:

The undersigned has the honour to submit herewith the Report of the Department of Highways for the year ended March 31st, 1967.

Respectfully submitted,

GORDON E. TAYLOR,

Department of Highways.



GOVERNMENT OF THE PROVINCE OF ALBERTA  
DEPARTMENT OF HIGHWAYS

**REPORT OF THE  
DEPUTY MINISTER OF HIGHWAYS  
For the Fiscal Year Ended March 31st, 1967**

Hon. Gordon E. Taylor,  
Minister of Highways.

Sir:

I have the honour to submit herewith a report covering the activities of the Department of Highways for the fiscal year 1966-67.

The general maintenance of primary and secondary highways, access roads, etc., showed a total of 6,698.17 miles at a total cost of \$8,217,875.19, the average cost per mile being \$1,226.88.

The operation of the ferry at Lett's Crossing was discontinued during the year reducing the number of ferries in operation to 20.

An agreement was again entered into with the Federal Government and several projects were undertaken by the various branches of the Department under the Winter Works Incentive Programme.

This year was highlighted by the publication of the first Alberta road map to be produced by the mapping division of the Survey Branch.

Highway 63 to Fort McMurray has been completed except for a small portion at its southern end between the junction of Highway 46 and Amesbury.

The road from Highway 35 to the new Town of Rainbow Lake was cleared in preparation for construction in the following year.

Construction was completed westerly from the new Town of Grande Cache for 2.3 miles to provide access to the newly developing coal fields west of the Smoky River. This included the erection of a new bridge over the Smoky River.

The programme of reconstructing Highway 16, East of Edmonton, to an improved standard of roadway, was commenced, two contracts being awarded, each being for two year terms.

Construction of the bridge over the Peace River at Peace River town was ahead of schedule at the year's end.

A separate detailed report of the above activities of the Branches of the Department are contained herein.

Respectfully submitted,

L. H. McMANUS,

Deputy Minister of Highways

GOVERNMENT OF THE PROVINCE OF ALBERTA  
DEPARTMENT OF HIGHWAYS

STATEMENT OF LEGISLATIVE AND EXECUTIVE APPROPRIATIONS,  
EXPENDITURES AND UNEXPENDED BALANCES

For the Year Ended March 31st, 1967

		APPROPRIATIONS					
No. of Appr'n	Service	Legislative	Executive	Total	Expended	Unexpended	Over- expended
INCOME ACCOUNT							
1501.	Minister's Office .....	\$ 25,000.00	\$ .....	\$ 25,000.00	\$ 24,302.51	\$ 697.49	\$ .....
1502.	General Administration .....	362,000.00	.....	362,000.00	308,433.58	53,566.42	.....
1510.	Roads Branch Maintenance— Administration .....	557,620.00	.....	557,620.00	538,520.07	19,099.93	.....
1511.	Ferries, Maintenance and Operation .....	250,000.00	.....	250,000.00	245,372.63	4,627.37	.....
1512.	Main and Secondary Highways and Access Roads, Maintenance .....	6,750,000.00	1,600,000.00	8,350,000.00	8,508,237.68	.....	158,237.68
1513.	District Highways and Local Roads to Improvement Districts .....	4,250,000.00	1,625,000.00	5,875,000.00	6,362,810.10	.....	487,810.10
1514.	District Highways and Local Roads Grants to Special Areas .....	255,000.00	.....	255,000.00	252,938.09	2,061.91	.....
1515.	District Highways and Local Roads Grants to Municipal Districts and Counties .....	4,600,000.00	75,000.00	4,675,000.00	4,613,113.88	61,886.12	.....
1516.	District Highways and Local Roads Special Contingencies .....	3,000,000.00	.....	3,000,000.00	2,994,378.61	5,621.39	.....
1518.	District Highways and Local Roads Natural Resources Roads .....	500,000.00	.....	500,000.00	496,820.97	3,179.03	.....
1530.	Bridges, Maintenance and Replacement, Salaries .....	457,030.00	.....	457,030.00	434,024.68	23,005.32	.....
1531.	Bridges, Maintenance and Replacement Main and Second- ary Highways .....	350,000.00	.....	350,000.00	150,232.37	199,767.63	.....
1532.	Bridges, Maintenance and Replacement Municipal District, Improvement District and County, Bridges .....	2,100,000.00	.....	2,100,000.00	2,269,287.14	.....	169,287.14
1533.	Bridges, Maintenance and Replacement Municipal District, Improvement District and County, Bridge Approaches .....	300,000.00	.....	300,000.00	306,825.62	.....	6,825.62
1541.	Approach Roads .....	700,000.00	100,000.00	800,000.00	723,536.16	76,463.84	.....
1543.	Roads to Provincial Parks .....	1,000,000.00	.....	1,000,000.00	1,001,644.48	.....	1,644.48
1550.	Motor Vehicle Branch .....	2,320,440.00	.....	2,320,440.00	2,318,646.60	1,793.40	.....
1551.	Grants to Municipalities for Structures and Roads .....	7,500,000.00	.....	7,500,000.00	4,629,628.98	2,870,371.02	.....
1552.	Highway Repair Shop .....	59,750.00	.....	59,750.00	101,664.72	.....	41,914.72
1553.	Grants to Urban Municipalities for Roads .....	.....	.....	.....	.....	.....	.....
	Special Warrants 1 & 67/65-66 (Winter Works Incentive Program) .....	.....	.....	.....	.....	.....	.....
	Special Warrants 2 & 60/66-67 (Winter Works Incentive Program) .....	.....	1,230,000.00	1,230,000.00	992,210.79	237,789.21	.....
TOTAL: Income Account .....		\$35,336,840.00	\$4,630,000.00	\$39,966,840.00	\$37,272,629.66	2,694,210.34 (Net)	.....
CAPITAL ACCOUNT							
1581.	Surveys and Compensation for Lands .....	\$ 946,950.00	\$ 21,000.00	\$ 967,950.00	\$ 954,531.87	\$ 13,418.13	.....
1583.	Bridges, Construction .....	7,000,000.00	1,750,000.00	8,750,000.00	8,704,465.01	45,534.99	.....
1584.	Main Highways, Construction .....	35,000,000.00	3,620,000.00	38,620,000.00	38,614,708.55	5,291.45	.....
1585.	Planning Branch .....	528,330.00	25,000.00	553,330.00	492,989.49	60,340.51	.....
1588.	Wayside Campsites .....	25,000.00	.....	25,000.00	17,947.53	7,052.47	.....
TOTAL: Capital Account .....		\$43,500,280.00	\$ 5,416,000.00	\$48,916,280.00	\$48,784,642.45	\$ 131,637.55	.....



GOVERNMENT OF THE PROVINCE OF ALBERTA  
DEPARTMENT OF HIGHWAYS

**MAINTENANCE BRANCH**

MAINTENANCE OF PRIMARY HIGHWAYS,  
ACCESS ROADS TO TOWNS AND VILLAGES,  
DISTRICT HIGHWAYS AND LOCAL ROADS,  
COUNTIES, LOCAL IMPROVEMENT AND MUNICIPAL DISTRICTS.  
FERRIES OPERATION, MAINTENANCE, REPLACEMENTS AND  
INSTALLATIONS.  
WAYSIDE CAMP SITES.  
WINTER WORKS INCENTIVE PROGRAMME.  
NORTHERN ALBERTA DEVELOPMENT COUNCIL PROGRAMME.

J. P. CHURCH,  
Acting Chief Maintenance Engineer

The maintenance of primary highways, the maintenance of access roads to towns and villages, the construction and maintenance of district highways and local roads in Improvement Districts, Counties and Municipalities where assistance is given by grants, and the operation, maintenance and construction of ferries were carried out under the supervision of eleven District Engineers and eight Assistant District Engineers. Maintenance of Wayside campsites operated by Department of Highways was also supervised by the District Engineers. Construction of one new campsite at Mitsue Lake on Highway 2 was commenced during the fiscal year. Campsites at Wandering River, Marianna Lake and Anzac commenced during the previous fiscal year were completed in this fiscal year.

Weather conditions during the 1966-67 fiscal year were generally excellent. Heavy snowfall in the Grande Prairie-Peace River area during the winter necessitated considerable snowplowing beyond average conditions. The good weather during the construction period permitted the completion of all work contemplated within the limits of the funds available.

With the exception of the Grande Prairie-Peace River area, snowfall throughout the Province was normal and snow removal resulted in no difficulties. Mild weather conditions during the winter resulted in considerable icing of pavements with the consequent ice removal operations being considerably greater than during a normal winter.

An agreement was completed with the Federal Government to institute a Winter Works Incentive Programme to provide winter employment for seasonal employees. Work under this agreement commenced November 1st, 1966 and terminated on April 30th, 1967. A total of 37,823.5 man-days employment was provided by this programme. Approved labour costs for work undertaken under this programme were paid 50% by the Federal Government, 25% by Department of Municipal Affairs and 25% by the Department of Highways under Special Warrants.

Work was undertaken by the Department of Highways for the Northern Alberta Development Council for the construction of roads to new areas opened for settlement in the Peace River and Grande Prairie areas. Work was also commenced on the construction of a road North of Entrance towards the new Town of Grande Cache. The construction of a road and causeway to connect Lac La Biche to Sir Winston Churchill Provincial Park was also commenced during this fiscal year. Details of the work undertaken for Northern Alberta Development Council are as follows:

Right-of-way cleared .....	114	miles
Roads graded .....	282.15	"
Roads gravel surfaced .....	110.2	"
Crushed gravel stockpiled for next season's operations .....	35,000	cu. yds.
Rock for rip-rap of causeway stockpiled .....	13,000	"
Causeway at Lac La Biche constructed .....	2,500	lineal ft.

Detailed information covering expenditures for the fiscal year 1966-67 is contained in the following statements as submitted with this report;

(1) Statement showing mileage and expenditures on maintenance of primary highways and access roads to towns and villages:

	Gravel	Asphalt	Concrete	Total
Primary highways — miles .....	2,105.00	4,444.75	1.25	6,551.00
Access roads — miles .....	82.91	64.26	—	147.17
Totals .....	<u>2,187.91</u>	<u>4,509.01</u>	<u>1.25</u>	<u>6,698.17</u>

Regravelling of primary highways, maintenance, snow removal, ice control, centreline striping, pavement messages at railway crossings, school zones, intersections and other locations, the erection of traffic safety, control, directional and informational signs on highways and access roads to towns and villages and the maintenance of wayside campsites adjacent to highways were carried out. Following are the details of expenditures:

General maintenance .....	6,698.17	miles	\$4,780,216.43
Snow removal .....	6,698.17	"	887,544.61
Ice control .....	6,698.17	"	1,489,846.91
Regravelling .....	557.82	"	675,874.26
Centreline striping and pavement messages .....	3,657.00	"	341,132.06
Erection and maintenance of highway and access road signing .....			333,623.41
Total .....			<u>\$8,508,237.68</u>

(2) Statement showing the distribution of expenditures from Income Account on the construction and maintenance of district highways and local roads in Improvement Districts, Counties, Municipal Districts and Special Areas, as follows:

Local Improvement Districts .....	\$ 6,362,810.10
Counties and Municipal Districts .....	4,613,113.88
Special areas .....	252,938.09
Special contingencies .....	2,994,378.61
Natural resources roads .....	496,820.97
Total .....	<u>\$14,720,061.65</u>



## Details of work accomplished as follows:

Miles of road graded .....	2,515.00 miles
" " gravelled .....	5,734.00 "
" " asphalt surfaced .....	68.40 "

(3) Statement showing expenditures by the operation and maintenance of ferries from Income Account. There were 20 ferries operated by the Department of Highways during the 1966 season. One replacement scow was constructed at the Bow Island crossing.

## Statement of ferry expenditure as follows:

Operation and maintenance of ferries detailed above	
(Appropriation 1511) .....	\$ 245,372.63

(4) Statement showing expenditures incurred under the Winter Works Incentive Programme as follows:

Work performed under Special Warrants at March 31st, 1967	
under agreement with the Federal Government .....	\$ 992,210.79

(5) Total expenditure as follows:

Highway and access roads maintenance .....	\$ 8,508,237.68
Improvement Districts, Counties, Municipal Districts and Special Areas .....	14,720,061.65
Ferries construction, operation and maintenance .....	245,372.63
Winter Works Incentive Programme .....	992,210.79
Total expenditure .....	<u>\$24,465,882.75</u>

GOVERNMENT OF THE PROVINCE OF ALBERTA  
DEPARTMENT OF HIGHWAYS

### HIGHWAY MAINTENANCE

#### EXPENDITURE ON MAINTENANCE OF PRIMARY HIGHWAYS AND ACCESS ROADS

For the Year Ended March 31st, 1967

Hwy. No.	Location	Miles	Amount
1A	Walsh — Bassano .....	125	\$ 97,648.25
3A	Medicine Hat — Grassy Lake .....	49	37,046.20
36B	Bow River — Red Deer River .....	49	30,637.33
41A	Jct. Hwy. 1 — Acadia Valley .....	75	50,959.71
41A1	" " 41 — Medicine Hat .....	5	1,080.81
48A	Irvine — Wild Horse .....	71	86,632.75
61A	Skiff — Manyberries .....	57	14,850.51
2A	Carway — Nanton .....	104	94,958.01
3B	Grassy Lake — Crowsnest .....	148	188,991.72
4A	Lethbridge — Coutts .....	63	33,049.77
5A	" — Waterton Park Gates .....	71	85,137.73
6A	Pincher — Waterton Park Gates .....	30	34,572.90
23A	Monarch — Carmangay .....	25	11,808.05
25A	Lethbridge — West of Enchant .....	50	44,032.65
36A	Taber — Bow River .....	34	24,749.42
40A	Cardston — Immigrant Gap .....	15	14,544.83
52A	Welling — Craddock .....	15	7,275.84
61B	Stirling — Skiff .....	34	17,312.65
62A	Magrath — Del Bonita .....	32	11,654.47
1B	Bassano — Banff Park Gates .....	142	214,584.54
1B1	Chestermere — West of Jct. Hwy. 1 .....	69	87,836.04
1X	Seebe Connection — 1 and 1A .....	3	4,170.97
2B	Nanton — Didsbury .....	76	139,856.04
2B1	Hwy. 2A — DeWinton South .....	32	32,129.03
2B2	" " — Mile 33.11 — Didsbury Corner .....	14	20,535.51
7A	Okotoks — Longview .....	24	20,228.49
9A	Inverlake — Drumheller .....	67	84,007.67
9B	Drumheller — Alsask .....	134	41,805.20
10A	Drumheller — Wayne — East Coulee .....	17	28,024.69
21A	Jct. Hwy. 1 — Twining .....	43	44,107.07
22A	Midnapore — Black Diamond .....	30	49,380.10
23B	Carmangay — High River .....	60	40,452.93
24A	Vulcan Corner — Cheadle .....	44	31,817.02
26A	Jct. Hwy. 9 — Beiseker .....	33	77,487.91
36C	North of Red Deer River — Garden Plain .....	68	121,473.62
41B	Acadia Valley — New Brigden .....	2	78.22
13A	Hayter — 1 Mile West of Bittern Lake .....	144	114,413.64
14A	Jct. Hwy. 17 — 2 Miles West of Lindbrook .....	133	107,482.17
15B	Lamont — Mundare — Hwy. 16 .....	21	59,086.60
16A	Lloydminster — Chipman Corner .....	119	136,349.79
*17A	" — South and North .....	74	92.34
21C	Bashaw — 2 Miles South of New Sarepta .....	53	30,336.40
36D	Battle River — Saskatchewan River .....	101	204,048.96
41C	Neutral Hills — Saskatchewan River .....	100	97,810.83
45A	1 Mile East of Whitford — Jct. Hwy. 17 .....	105	75,291.18
2C	3 Miles South of Didsbury Corner — Hobbema — West Inter. Hwy. 2 .....	92	171,815.27
2C1	Didsbury — Hobbema — Hwy. 2A .....	97	49,419.21
11A	Red Deer — Banff Park Bdry. ....	147	111,976.71
12A	Compeer — Nevis .....	142	66,424.94
12B	Nevis — Norbuck .....	94	70,513.51
19B	Westerose — Norbuck .....	23	30,234.46
20A	Bentley — Sylvan Lake .....	10	9,432.28
21B	Twining — Bashaw .....	74	38,313.20
27A	Sundre — Jct. Hwy. 21 .....	61	56,127.96
36C	Garden Plain — Battle River .....	38	20,145.96



Hwy. No.	Location	Miles	Amount
42A	Penhold — Lousana	27	\$ 12,430.99
50A	Tees — Mirror	9	4,116.64
51A	Bentley — Gilby	19	28,773.26
53A	Rimbey — Jct. Hwy. 21	55	31,110.36
54A	Innisfail — East of Ricinus	44	42,677.13
56A	Stettler — Morrin	47	12,057.75
28B1	Ashmont — Rife and Jct. Hwy. 28	29	56,110.53
28C	West of Waskatenau — Cold Lake	150	153,174.50
36E	Duvernay — St. Brides	20	17,892.28
36E	Jct. Hwy. 28 — Lac La Biche	46	54,557.97
41D	North Saskatchewan River — Jct. Hwy. 28	8	6,825.00
46B	Lac La Biche — Spruce Valley	33	42,941.00
50:04	North of Wandering River — North	141	101,103.87
16C	Jct. Hwy. 30 — Jasper Park Bdry.	158	267,268.09
16C2	" 16 — Entwistle — Styal	8	3,235.21
31	Hwy. 16 — Seba Beach	2	2,485.47
32A	" — McLeod River	11	11,290.16
33A	Jct. Hwy. 43 — Alberta Beach	6	3,586.65
43A	Carvel Corner — Two Creeks	109	225,804.51
47	Bickerdike — Leyland	59	90,233.37
47B	Coalspur — Foothills	12	5,121.13
57A	Entwistle — Buck Lake Creek	38	66,973.19
2E	5 Miles North of Legal — Jousard	196	427,728.76
2	Hondo — Slave Lake	35	22,006.41
18A	Clyde — Swan Hills	93	134,095.50
28B	North of Redwater — Waskatenau	16	18,277.66
44A	Westlock — Smith	67	92,938.48
46A	Spruce Valley Corner — Jct. Hwy. 28	62	62,999.53
2G	Dunvegan — B.C. Boundary	109	172,412.15
34A	Little Smoky River — Jct. Hwy. 2	94	104,998.90
43B	Valleyview — Two Creeks	77	96,596.21
49B	Watino — B.C. Boundary	98	96,726.54
59A	Sexsmith — West Jct. Hwy. 2	39	21,327.44
2F	Jousard — Dunvegan	172	388,947.20
2F1	Donnelly — Triangle	31	46,748.66
2F2	Grimshaw — Jct. Hwy. 2	7	3,466.13
35A	" — North Provincial Bdry.	292	338,472.88
49A	Donnelly — Watino	22	13,664.81
58A	High Level — Wood Buffalo Park	55	25,037.73
58A-1	Jct. Hwy. 58 — Fort Vermilion	12	4,483.14
ND1	Fairview — B.C. Boundary	17	2,786.09
2D	Edmonton — Hobbema West Interchange	44	200,412.64
2D	" — 5 Miles North of Legal Corner	30	198,049.75
2D1	Leduc — Hobbema — Hwy. 2A South	34	28,892.11
13B	Wetaskiwin — 1 Mile West of Bittern Lake	13	24,641.43
14B	Edmonton — 2 Miles West of Lindbrook	27	98,960.04
15B	" — Lamont	34	61,141.08
16B	" — Chipman Corner	30	98,163.21
16B1	Refineries — Clover Bar	8	21,494.22
16B	Edmonton — Jct. Hwy. 30 — Hwy. 16 West	34	138,607.95
19A	Wetaskiwin — Westerose	28	28,507.16
21D	Jct. Hwy. 14 — 2 Miles South of New Sarepta	15	18,945.81
28A	Edmonton — North of Redwater Corner	38	110,601.99
29A	Jct. Hwy. 16 — Edmonton Beach	4	3,609.69
30A	" " — Kapasiwin Beach	3	2,362.87
37A	Namoo — Gibbons	19	20,592.11
39A	Leduc — Norbuck	53	71,135.15
45B	Jct. 15 — 1 Mile East of Whitford	38	48,468.33
55A	Bremner — Fort Saskatchewan	10	14,419.32
57B	Alsike — Buck Lake Creek	13	16,370.36
60A	Jct. Hwy. 16 — Devon	13	20,115.96
		6551	\$7,913,208.52

**ACCESS ROADS:**

Hwy. No.	Location		Miles	Amount
43:72	Jct. Hwy.	1 — Tilley	2.59	\$ 625.30
43:97	" "	36 — Rainier	3.93	6,532.89
43:106	" "	36 — Duchess	1.50	1,799.35
43:109	" "	1 — Brooks	1.28	1,558.51
43:110	" "	36 — Scandia	1.20	2,702.24
43:139	" "	41 — Empress	6.25	1,340.49
43:76	" "	6 — Pincher Creek	.60	110.89
43:120	" "	2 — Granum	.85	41.66
43:47	" "	2 — Carstairs	3.03	445.46
43:52	" "	1 — Gleichen	1.28	760.31
43:53	" "	1 — Cluny	1.52	918.03
53:64	" "	23 — Vulcan	.11	88.12
43:69	" "	9 — Hanna	.55	109.23
43:75	" "	1A — Spy Hill Gaol	2.58	367.02
43:118	" "	23 — Blackie	2.03	1,734.08
43:133	" "	21 — Rockyford	5.13	9,444.05
43:48	" "	14 — Edgerton	6.03	6,640.72
43:51	" "	13 — Hardisty	.53	104.36
43:56	" "	45 — Dewberry	.96	628.04
43:57	" "	45 — Clandonald	1.77	489.94
43:58	" "	45 — Hazeldine	1.54	448.95
43:59	" "	16 — Islay	3.43	4,507.20
43:60	" "	13 — Sedgewick	.43	40.21
43:63	" "	41 — Rusylvia	1.00	356.46
43:66	" "	13 — Provost	.37	184.86
43:86	" "	13 — Hughenden	.33	168.79
43:87	" "	13 — Metiskow	1.84	991.34
43:91	" "	21 — Ferintosh	1.06	2,174.16
43:108	" "	13 — Cadogan	6.55	4,208.96
43:135	" "	36 — Alliance	1.79	1,629.66
43:137	" "	36 — Galahad	4.55	4,659.85
43:46	" "	2 — Didsbury	4.24	1,842.05
43:50	" "	11 — Eckville	2.79	3,675.28
43:54	" "	21 — Three Hills	1.03	115.07
43:55	" "	56 — Big Valley	.96	51.57
43:65	" "	12 — Coronation	.17	52.74
43:70	" "	21 — Trochu	.51	45.18
43:71	" "	21 — Huxley	.33	123.17
43:88	" "	12 — Tees	.21	26.11
43:89	" "	21 — Elnora	2.01	250.44
43:90	" "	21 — Lousana	2.27	461.96
43:111	" "	12 — Clive	.51	63.53
43:113	" "	56 — Morrin	2.46	847.87
43:114	" "	54 — Dickson	2.00	148.13
43:130	" "	11 — Leslieville	4.73	3,158.59
43:74	" "	28 — Waskatenau	.30	11.14
43:96	" "	28 — Bonnyville Beach	2.17	37.77
43:104	" "	28 — Warspite	.52	28.59
43:116	" "	28 — Vilna	.12	11.62
43:140	" "	28A — Glendon	4.54	1,039.43
43:143	" "	28A — Mallaig	2.02	189.65
43:67	" "	43 — Sangudo	.28	60.31
43:68	" "	43 — Rochfort Bridge	.31	58.95
43:84	" "	43 — Onoway	1.03	207.74
43:85	" "	43 — Mayerthorpe	.45	154.58
43:115	" "	43 — Evansburg	.64	745.91
43:73	" "	44 — Pibroch	.88	123.64
43:79	" "	2 — Vimy	.80	88.61
43:80	" "	44 — Dapp	3.80	1,265.30
43:81	" "	44 — Jarvie	1.00	133.12
43:82	" "	44 — Flatbush	2.01	26.55
43:83	" "	44 — Fawcett	.31	30.19
43:98	" "	18 — Barrhead	2.16	1,273.77
43:100	" "	2 — Colinton	3.31	1,338.09



Hwy. No.	Location		Miles	Amount	
43:103	Jct.	Hwy. 2 — Clyde .....	.52	203.05	
43:107	"	" 18 — Fort Assiniboine .....	.50	525.65	
43:117	"	" 46 — Newbrook .....	.49	143.83	
43:126	"	" 2 — Rochester .....	2.30	542.40	
43:142	"	" 46 — Thorhild .....	4.05	871.94	
43:92	"	" 49 — Eaglesham .....	4.02	3,155.47	
43:93	"	" 2 — Woking .....	2.80	909.98	
43:94	"	" 2 — Sexsmith .....	.35	61.83	
43:101	"	" 2 — Wembley .....	1.02	105.12	
43:105	"	" 2 — Saskatoon Mtn. ....	2.02	114.95	
43:112	"	" 49 — Tangent .....	5.17	2,252.47	
43:119	"	" 49 — Falher .....	.76	35.73	
43:127	"	" 49 — Girouxville .....	2.01	1,963.60	
43:136	"	" 2A — Donnelly .....	.15	287.42	
43:62	"	" 28 — Redwater .....	1.07	77.10	
43:78	"	" 2 — Legal .....	1.52	858.97	
43:131	"	" 39 — Thorsby .....	.32	674.32	
43:132	"	" 39 — Warburg .....	.62	615.43	\$86,897.04
			6,698.17		

**GRANTS:**

	Location	Amount	
40:00E14	City of Lloydminster .....	\$ 295.00	
40:00E23	" " Medicine Hat .....	3,150.00	
40:00E28	" " Red Deer .....	1,965.00	
40:00E37	" " Camrose .....	1,015.00	
40:00E42	" " Drumheller .....	1,235.00	
40:00E43	" " Wetaskiwin .....	710.00	
40:00E47	" " Lethbridge .....	5,000.00	
40:00E71	" " Edmonton .....	24,475.00	
40:00E72	" " Calgary .....	26,930.00	
40:00E90	" " Grande Prairie .....	1,340.00	66,115.00
General .....		131,096.94	
Equipment .....		9,823.12	
Crusher Camp D 11 .....		4,872.93	
" " D 12 .....		5,861.64	
Campsites .....		290,362.49	442,017.12
			<u>\$ 8,508,237.68</u>

\*Maintained by the Province of Saskatchewan

50% of cost borne by Province of Alberta

**Appropriation 1510**

Roads Maintenance Branch Administration ..... \$ 538,520.07

GOVERNMENT OF THE PROVINCE OF ALBERTA  
DEPARTMENT OF HIGHWAYS

EXPENDITURE ON CONSTRUCTION AND MAINTENANCE  
OF DISTRICT HIGHWAYS AND LOCAL ROADS

For the Year Ended March 31st, 1967

GRANTS TO IMPROVEMENT DISTRICTS

I.D. Number		Total	I.D. Number		Total
	General .....	\$ 1,312.23	I.D. 108	.....	\$ 67,547.67
D 1	General .....	16,969.48	" 109	.....	111,823.75
D 2	General .....	474.86	" 110	.....	7,324.54
"	Equipment .....	115.91	" 111	.....	23,038.48
D 4	General .....	1,125.82	" 122	.....	51,089.25
"	Equipment .....	38.32	" 123	.....	904,272.93
D 6	General .....	324.64	" 124	.....	100,697.56
"	Equipment .....	32.05	" 125	.....	316,370.50
D 7	General .....	2,336.00	" 126	.....	188,457.80
"	Equipment .....	1,850.00	" 128	.....	44,289.15
D 8	General .....	13,970.04	" 129	.....	108,905.37
"	Equipment .....	93.85	" 131	.....	103,052.21
D 9	General .....	262.66	" 132	.....	245,539.81
"	Equipment .....	5.00	" 134	.....	228,516.56
D11	General .....	1,624.97	" 138	.....	155,260.43
"	Equipment .....	904.67	" 139	.....	251,981.21
D12	General .....	2,273.88	" 143	.....	5,062.04
I.D. 10	.....	33,448.72	" 145	.....	1,395.38
" 11	.....	294,562.69	" 146	.....	5,320.83
" 22	.....	37,938.50	" 147	.....	80,704.15
" 27	.....	31,815.81			
" 42	.....	89,217.27			
" 46	.....	13,699.29			
" 50	.....	4,720.37			
" 58	.....	73,203.35			
" 65	.....	271,678.54			
" 68	.....	37,676.65			
" 69	.....	1,431.52			
" 77	.....	59,657.65			
" 78	.....	275,631.26			
" 79	.....	906.52			
" 85	.....	7,756.31			
" 95	.....	153,149.78			
" 96	.....	1,187,289.27			
" 101	.....	197,562.92			
" 102	.....	326,051.85			
" 107	.....	96,947.46			

Indian Reserves		
District	2	\$13,947.42
"	4	26,527.89
"	6	29,558.02
"	7	12,837.89
"	9	31,624.27
"	11	4,544.89
"	13	5,059.99
		124,100.37
	Appropriation 1513	\$6,362,810.10

Grants to Special Areas—	
	Appropriation 1514 \$ 252,938.09



GOVERNMENT OF THE PROVINCE OF ALBERTA  
DEPARTMENT OF HIGHWAYS

EXPENDITURE ON CONSTRUCTION AND MAINTENANCE  
OF DISTRICT HIGHWAYS AND LOCAL ROADS

For the Year Ended March 31st, 1967

GRANTS TO MUNICIPAL DISTRICTS AND COUNTIES

M.D.	Total	County	Total
*General	\$ 446.60	County 1	\$ 130,059.83
Regional Road Survey	145,149.46	" 2	150,508.70
M.D. 6	80,181.59	" 3	95,797.51
" 9	63,130.78	" 4	108,736.92
" 14	112,298.12	" 5	104,818.75
" 26	140,078.45	" 6	107,156.01
" 31	101,174.84	" 7	62,456.64
" 34	21,535.39	" 8	136,342.60
" 44	129,480.93	" 9	105,875.59
" 47	73,098.78	" 10	157,873.68
" 48	99,882.36	" 11	59,412.78
" 52	93,030.56	" 12	94,613.91
" 61	103,067.63	" 13	68,125.76
" 62	111,249.06	" 14	89,764.05
" 82	86,830.00	" 16	123,303.96
" 84	63,670.80	" 17	135,100.19
" 87	64,540.52	" 18	86,370.34
" 92	80,245.69	" 19	89,587.99
" 90	81,974.00	" 20	68,052.00
" 130	66,229.44	" 21	92,593.58
" 133	22,715.40	" 22	117,541.95
" 135	25,539.00	" 23	111,178.17
" 136	33,939.00	" 24	131,868.85
		" 25	103,049.00
		" 26	100,906.84
		" 27	94,135.86
		" 28	88,394.02
		Appropriation 1515	\$4,613,113.88

\*Expenditure shown as general is incurred by engineering parties.

SPECIAL CONTINGENCIES

I.D., M.D., County	Total	I.D., M.D., County	Total
M.D. 6	\$ 50,730.12	County 1	\$ 38,353.43
" 9	34,374.18	" 2	85,000.00
" 14	39,820.10	" 3	74,773.62
" 26	61,050.90	" 4	84,000.70
" 31	31,084.42	" 5	48,031.77
" 34	15,000.00	" 6	51,038.29
" 44	76,795.03	" 7	48,432.95
" 47	50,013.79	" 8	49,466.58
" 48	101,307.57	" 9	57,404.62
" 52	54,521.97	" 10	60,087.47
I.D. 58	12,325.49	" 11	66,520.95
M.D. 61	62,244.22	" 12	133,150.51
" 62	47,332.25	" 13	41,533.22
" 82	58,751.19	" 14	75,295.73
" 84	42,802.73	" 16	67,095.33
I.D. 85	20,150.29	" 17	46,984.99
M.D. 87	74,931.28	" 18	41,780.54
" 90	34,003.49	" 19	139,497.92
" 92	62,049.67	" 21	43,101.96

**SPECIAL CONTINGENCIES (Continued)**

<b>I.D., M.D.</b>	<b>Total</b>	<b>County</b>	<b>Total</b>
I.D. 101 .....	\$ 20,199.26	County 22 .....	\$ 49,203.33
" 102 .....	43,089.66	" 23 .....	50,352.05
" 125 .....	39,669.32	" 24 .....	66,364.39
M.D. 130 .....	32,383.41	" 25 .....	46,749.79
I.D. 132 .....	48,777.67	" 26 .....	49,432.62
M.D. 133 .....	23,035.51	" 27 .....	50,120.50
" 135 .....	7,493.13	" 28 .....	91,439.70
" 136 .....	13,115.34		
I.D. 138 .....	41,455.47	<b>Special Areas</b>	
" 139 .....	90,174.72	D3 Special Area 2 .....	50,483.47
		<b>Appropriation 1516</b>	<b>\$2,994,378.61</b>

**NATURAL RESOURCES ROADS**

<b>I.D., M.D.</b>	<b>Total</b>	<b>County</b>	<b>Total</b>
M.D. 9 .....	\$ 15,000.00	County 3 .....	\$ 10,000.00
" 44 .....	30,000.00	" 4 .....	10,000.00
" 47 .....	10,000.00	" 5 .....	10,000.00
" 48 .....	15,000.00	" 6 .....	10,000.00
" 52 .....	1,328.27	" 7 .....	10,000.00
" 61 .....	15,000.00	" 9 .....	10,000.00
" 62 .....	10,000.00	" 10 .....	10,000.00
" 84 .....	15,000.00	" 11 .....	15,000.00
" 90 .....	10,000.00	" 12 .....	19,066.01
" 92 .....	15,000.00	" 13 .....	10,000.00
I.D. 95 .....	25,712.44	" 14 .....	10,000.00
" 111 .....	9,896.98	" 16 .....	57,061.77
" 139 .....	21,261.57	" 17 .....	30,000.00
		" 18 .....	10,417.21
		" 22 .....	10,000.00
		" 23 .....	12,000.00
		" 24 .....	15,000.00
		" 25 .....	10,000.00
		" 27 .....	10,000.00
		" 28 .....	25,076.72
		<b>Appropriation 1518</b>	<b>\$496,820.97</b>

**SUMMARY****Income Account:**

Appropriation 1513	Grants to Improvement Districts .....	\$ 6,362,810.10
" 1514	Grants to Special Areas .....	252,938.09
" 1515	Grants to Municipal Districts .....	4,613,113.88
" 1516	Special Contingencies .....	2,994,378.61
" 1518	Grants for Natural Resources Roads .....	496,820.97
		<b>\$14,720,061.65</b>

GOVERNMENT OF THE PROVINCE OF ALBERTA  
DEPARTMENT OF HIGHWAYS

EXPENDITURE FOR WAYSIDE CAMPSITES

For the Year Ended March 31st, 1967

District	File	Description	Amount	District Amount
4	3198 - 267	Hanna .....	\$4,403.58	\$ 4,403.58
5	3198 - 164	South of Alliance .....	60.00	60.00
7	3198 - 155	Crane Lake .....	672.04	
7	3198 - 236	Pinehurst Lake .....	45.39	
7	3198 - 264	Hangingsstone River .....	3,143.12	
7	3198 - 265	Marianna Lake .....	3,567.06	
7	3198 - 266	Wandering River .....	5,107.23	12,534.84
9	3198 - 268	Mitsue Lake .....	949.11	949.11
Appropriation 1588				<u>\$17,947.53</u>

EXPENDITURE FOR NORTHERN DEVELOPMENT

For the Year Ended March 31st, 1967

**ROADS MAINTENANCE BRANCH:**

	Amount	
I.D. 96 .....	\$209,359.89	
" 102 .....	80,705.43	
" 110 .....	128,006.07	
" 111 .....	45,759.03	
" 125 .....	62,595.57	
" 126 .....	458,207.73	
" 132 .....	5,232.03	
" 134 .....	398,454.94	
" 138 .....	176,469.42	
" 139 .....	163,865.07	
" 147 .....	334,650.65	\$ 2,063,305.83

**ROADS—CONSTRUCTION BRANCH:**

Project N.D. 1	East of Montagneuse River—South of Worsley	\$251,273.57	
" "	Gage—East of Montagneuse River .....	9,822.34	
" "	Gage—South of Worsley .....	45,804.99	
" "	Gage—Hines Creek .....	282,212.33	
" "	South of Worsley—East of Clear River .....	229.00	
" "	South-West of Worsley—West of Clear River	64,333.70	
" N.D. 2	High Level—Chinchaga River .....	205,137.36	
" N.D. 3	Athabasca River—Jarvis Lake .....	2,028.19	
" A-58-B	East of Caribou—East of Beaver Ranch Creek	323,117.33	\$ 1,183,958.81

**BRIDGE BRANCH:**

*I.D. 110 .....	\$141,437.41	
" 139 .....	66,768.98	
" 146 .....	5,076.98	
" 147 .....	100,562.62	
" 148 .....	358.25	\$ 314,204.24

**PLANNING BRANCH:**

High Level — Rainbow Lake .....	\$ 54,708.53	
Hinton — Grande Prairie .....	30,798.11	
Whitemud — Deadwood .....	3,321.18	
B.C. Boundary — Fairview .....	16,044.81	\$ 104,872.63

Appropriation 1591

\$ 3,666,341.51

\*Winter Works Incentive Programme



GOVERNMENT OF THE PROVINCE OF ALBERTA  
DEPARTMENT OF HIGHWAYS

WINTER WORKS INCENTIVE PROGRAMME

Expenditure for the Year Ended March 31st, 1967

**ROADS MAINTENANCE BRANCH:**

**Appropriation 1555:**

I.D. M.D.	Amount	I.D., M.D., County	Amount
I.D. 10	\$ 4,100.02	I.D. 109	\$ 52,552.58
" 11	13,255.11	" 111	9,956.50
" 22	9,482.81	" 124	34,107.16
" 27	24.93	" 125	44,163.04
" 42	17,166.26	" 126	52,827.35
M.D. 44	37.62	" 128	7,956.40
I.D. 58	11,643.17	" 129	22,702.54
" 65	79,216.04	" 131	42,256.72
" 68	11,242.75	" 132	61,611.01
" 77	12,887.03	" 134	39,208.11
" 78	57,953.79	" 138	21,450.09
" 85	19,875.60	" 139	6,329.26
" 95	39,086.63	" 146	18,761.19
" 96	10,936.75	County 6	27,398.87
" 101	142,357.20	" 24	23,440.78
" 102	31,310.06	" 28	6,927.10
" 107	18,710.66	Indian Reserve 133	4,288.90
" 108	36,986.76		
			\$992,210.79

**Appropriation 1513:**

I.D. 123	\$ 68,764.82
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**Appropriation 1591:**

I.D. 96	\$ 45,831.03	
" 102	25,410.07	
" 111	7,077.44	
" 126	18,891.30	
" 134	24,787.08	
" 147	45,866.57	
		167,863.49
		Total \$1,228,839.10

**ROADS CONSTRUCTION BRANCH:**

**Appropriation 1591:**

I.D. 139	\$ 49,946.60
" 147	172,859.32
" 149	1,649.38
	Total \$224,455.30

**BRIDGE BRANCH:****Appropriation 1556:**

I.D., M.D.	Amount	County	Amount
M.D. 6	\$ 44.83	County 1	\$ 7,968.55
" 9	40.70	" 2	13,640.07
" 14	3,574.74	" 3	2,180.74
I.D. 22	8,082.27	" 4	9,977.66
M.D. 26	14,041.85	" 5	59.81
" 31	3,176.19	" 8	695.84
" 44	3.01	" 9	106.52
" 48	8,621.33	" 10	415.75
I.D. 58	8,004.47	" 12	1,502.92
M.D. 61	2,786.51	" 13	1,357.78
" 62	14.75	" 14	32,643.26
I.D. 65	14.96	" 16	16,683.50
" 78	1,732.50	" 17	11,567.93
M.D. 87	64.13	" 18	4,879.66
" 90	4,926.92	" 19	155.39
" 92	1,683.86	" 20	1,731.95
I.D. 95	4,827.17	" 21	392.85
" 101	9,693.24	" 23	1,799.66
" 102	16,577.08	" 24	10,503.90
" 125	24,802.39	" 25	1,698.51
" 126	10,764.63	" 26	7,006.14
M.D. 130	444.07	" 27	7,432.45
" 133	4,359.27	" 28	12,542.48
I.D. 138	3,695.81	Special Area 3	725.65
" 139	5,086.53		
" 147	6,734.07		
			\$291,466.25

**Appropriation 1591:**

I.D. 110 ..... \$141,437.41

**Appropriation 1595:**

I.D., M.D., County	Amount	I.D., M.D., County	Amount
M.D. 9	\$ 22,549.12	I.D. 111	121,225.24
" 26	32,689.35	" 122	5,908.01
I.D. 42	99,334.81	" 124	95,213.47
" 58	35,921.08	" 125	24,556.88
M.D. 82	34,512.17	" 126	28,270.65
" 90	27,447.95	" 147	3,635.00
" 92	129,197.87	County 3	29.19
" 102	37,801.47	" 17	548.98
" 107	1,074.29		699,915.53
		Total	\$1,132,819.19

**SUMMARY OF WINTER WORKS INCENTIVE PROGRAMME**

Appropriation 1555	\$ 992,210.79
" 1556	291,466.25
" 1513 (part)	68,764.82
" 1591 (part)	533,756.20
" 1595	699,915.53
	<u>\$2,586,113.59</u>

GOVERNMENT OF THE PROVINCE OF ALBERTA  
DEPARTMENT OF HIGHWAYS

EXPENDITURE ON INSTALLATION, REPAIRS AND OPERATION OF FERRIES  
For the Year Ended March 31st, 1967

File Number	Location	River	Installation	Repairs	Operations	Total
2500	General—Head Office Supervision		\$	\$	\$	\$
2542	Bow Island	South Saskatchewan		8,428.87	154.21	154.21
2549	Steveville	Red Deer		1,543.51	8,192.73	16,621.60
2563	Finnegan	" "		2,274.62	7,042.36	8,585.87
2589	North of Jenner	" "		1,452.58	5,016.71	7,291.33
2773	South of Rolling Hills	Bow	695.97	1,016.18	4,554.92	6,007.50
2508	Dorothy	Red Deer		931.45	7,065.27	8,777.42
2760	South of Crowfoot	Bow		800.82	3,809.15	4,740.60
*2518	North of Lloydminster	North Saskatchewan			4,972.57	5,773.39
2560	West of Munson	Red Deer	277.91	979.03	5,827.09	7,991.31
2526B	Hopkins	North Saskatchewan		736.58	6,734.37	7,991.31
2543	North of Myrnam	" "		1,400.21	4,460.95	5,197.53
2777	Blue Ridge	Athabasca	162.79	9,074.26	10,496.85	11,897.06
2790	Rosevear	McLeod			8,296.87	17,533.92
2750	Klondyke Crossing	Athabasca		919.92	6,586.07	7,505.99
2755	South of Wembley	Wapiti		593.76	4,495.33	5,089.09
2741	La Crete	Peace		1,309.58	7,027.01	8,336.59
2797	Fort Vermilion	" "		8,938.31	24,923.52	33,861.83
2561	Berrymoor	North Saskatchewan	2,581.25	5,721.28	22,614.62	30,917.15
2513	Pakan	" "		7,090.38	6,827.66	13,918.04
2535	Eldorena	" "		6,745.04	10,323.77	17,068.81
2581	Vinca Crossing	" "		2,279.03	7,222.23	9,501.26
				2,041.76	10,733.28	12,775.04
			\$ 3,717.92	\$ 64,277.17	\$ 177,377.54	\$ 245,372.63

\*Maintained by the Province of Saskatchewan  
50% of the cost borne by the Province of Alberta

Income Account — Appropriation 1511      \$245,372.63



GOVERNMENT OF THE PROVINCE OF ALBERTA  
DEPARTMENT OF HIGHWAYS

**CONSTRUCTION BRANCH**

(R. H. Cronkhite, Chief Construction Engineer)

At the end of the 1966 fiscal year, the mileages of Provincial Primary Highways and Access Roads were as follows:

PRIMARY HIGHWAYS ..... 6,614.34 Miles

**SUMMARY**

**Pavement Surfaces:**

Concrete Surface, two lanes .....	1.22 Miles	
"    "    four lanes undivided .....	0.90 "	
Asphalt Surface, two lanes .....	4,229.56 "	
"    "    four lanes undivided .....	75.61 "	
"    "    "    "    divided .....	239.29 "	
Combined Asphalt and Concrete Surface, four lanes divided .....	4.27 "	
"    "    undivided .....	0.29 "	4,551.14 Miles

**Other Surfaces:**

Gravel Surface, two lanes .....	2,018.33 Miles	
Graded, two lanes .....	18.71 "	
Unimproved .....	26.16 "	2,063.20 Miles
		<u>6,614.34 Miles</u>

ACCESS ROADS ..... 150.92 Miles

**SUMMARY**

Asphalt Surface, two lanes .....	65.54 Miles
Gravel Surface, two lanes .....	85.38 "
	<u>150.92 Miles</u>

INTERCHANGES CONSTRUCTED TO DATE ..... 42

During the 1966-67 construction season, 281.64 miles of sub-grade construction, 25.84 miles of sub-grade widening, and 422.54 miles of gravel surfacing were completed.

In addition, 168.95 miles of stabilized gravel base course, 117.73 miles of soil-cement stabilized base course, and 20.77 miles of cement stabilized gravel base course were completed. Asphaltic plant mix surface course paving was completed on 305.62 miles and asphaltic seal coat surfacing on 354.31 miles.

Interchange construction has extended to 42 units, and the program for improving major at-grade intersections saw the completion of 18 units providing acceleration and deceleration lanes.

Out of a total of 171 major projects under construction this season, 1,761 shifts totalling 17,610 hours were lost due to wet weather conditions. Most of this time was lost during the Spring and Summer, however, an exceptionally fine

Fall made it possible to complete most scheduled work and only 8% of the grading, 7% of the base course, and 4% of the asphaltic surface course remained uncompleted at the end of the 1966 calendar year. A number of projects scheduled for completion in 1967 advanced beyond the anticipated amount for this season.

Freeway construction on Trans-Canada Highway continued from west of the Cochrane Interchange to the Stony Indian Reserve, however, again excessive rainfall seriously delayed the work, resulting in 68 lost shifts on the grading and 41 lost shifts on the base course. At the end of the season, 92% of the grading and 56% of the base course was completed.

Detailed engineering surveys and design for Trans-Canada Highway east of the Bow River to the Banff Park Boundary were completed ready for a major project in 1967. This was a full freeway project to provide a divided 4-lane facility, the necessary interchanges and the improvement of Highway 1A through the Canmore area as a distributory facility. The project included grading, stabilized gravel base course and a number of bridge structures for interchange development in order to achieve properly co-ordinated construction scheduling.

This year saw the commencement of the initial grading operations on Highway 2 from east of Peace River to the major Peace River bridge also under construction. The very serious instability problem on the old route required a complete relocation which was developed below the old Grouard Trail where more favorable exposure and ground conditions existed. Nonetheless, an extensive review of ground conditions pointed out four major potential slide areas and, as a result, foundation and design considerations were extremely important in order to build in as much safety against sliding and instability as possible. The initial grading undertaken this season concentrated on stabilizing the slide-prone areas and to permit as much consolidation as possible prior to completing the final embankment.

The freeway project on Highway 3 west of Lethbridge to east of Coalhurst was completed this season with grade construction and stabilized gravel base course. A further contract was awarded during the winter for the installation of a reinforced concrete pipe storm sewer east of the Oldman River into the outfall system from the City of Lethbridge. This facility was placed to handle highway drainage and also to maintain the drainage from storm sewers in the city. The work was staged ahead of the final grading of the freeway section in this area.

Major construction was commenced on Highway 16 east of Edmonton in two areas, the first project from east of the Junction with Highway 55 to west of Elk Island Park, a distance of 7.58 miles, provided for a final four lane divided expressway highway with an interchange on the district road connecting to Ardrossan. The completion date of this contract was set for mid-1967 and at the end of this season, 88% of the grading and 63% of the base course was completed. A second contract was awarded in mid-summer for subgrade and soil-cement construction from west of Kitscoty to Lloydminster on Highway 16 covering 13.17 miles. This project provided a roadway comprised of two 12' travel lanes and 10' wide exterior shoulders. Again this was a two year contract for completion in 1967 and by the end of the 1966 construction season, 96% of the grading was completed. Other projects on Highway 16 which reached completion included stabilized base course from Chipman Corner to Mundare, and the grading and stabilized base course from east of Seba to Magnolia Underpass.



On Highway 2, the major grading projects from Hondo to Slave Lake were completed and opened to traffic on October 18th, 1966.

Construction of the development highway from south of Amesbury to Fort McMurray was completed this season. Considerable difficulty was experienced in the isolated central part of the project due to extreme rainfall and the normally adverse ground conditions. The work done the previous winter permitted the accommodation of traffic throughout most of the season with the exception of a period during July and August when the road was closed to allow completion and correction of damage created by heavy transport trucking during the prolonged wet period. The highway was re-opened for use in late August and with the completion of gravel surfacing, was brought to a good all weather standard. The section from south of Amesbury to Fort McMurray was declared Highway No. 63 by Order-in-Council on February 7th, 1967. This left a district road section of some 15.67 miles in length between Amesbury and Highway 46 for future construction.

On Highway 11, heavy grading was completed from south of the Cline River to east of Whirlpool Point. A new contract was awarded in January, 1967 for the last connecting link between Windy Point and south of the Cline River, a distance of 11.06 miles. The completion date for this work was set for October 31st, 1967, however, work commenced during the winter and considerable rock excavation was undertaken by March 31st.

Work continued during the year on Highway 28 from Edmonton to Namao, however, extreme rainfall in this area of slow drainage did not permit completion and by season's end, 98% of the grading and 75% of the cement stabilized base course was finished.

Major road construction under the Northern Alberta Development Program included 15.59 miles of grading and gravelling on N.D. 1 north-west of Fairview between Gage and S. of Worsley and 10.08 miles on the Highway 58 route east of the Caribou River to east of the Beaver Ranch Creek. Advance clearing was undertaken projecting N.D. 1 from south of Worsley to west of the Clear River covering 15.59 miles and on N.D. 2 from High Level to the Chinchaga River covering 44.15 miles, this clearing work being undertaken under the Winter Works Incentive Program. Due to heavy snow conditions in the northern area, 64% of the clearing on N.D. 1 was completed and 70% on N.D. 2 by March 31st.

A special project was undertaken constructing a major road connection from the townsite area at Grande Cache westerly and across the Smoky River to provide the road access to the newly developing coal fields. 2.3 miles were constructed in severe mountainous terrain during the winter, reaching completion by March 1st.

The new program of construction of roads from highways to Provincial Parks was commenced with grading and gravelling being completed on 30.65 miles covering connections to five Provincial Parks as indicated on the following statement.

Right-of-way clearing was also undertaken on a development highway from north of Chalmers Creek to south of Jerry Creek on the new connection proposed from Swan Hills to Kinuso, this work coming under the Winter Works Incentive Program.

Other winter work undertaken by the Department involved crushing to stockpile covering three projects, one by contract and two by day labour. Truck registration and rotation was continued with the winter stockpiling of gravel with 1,015 trucks being registered, a decrease of some 106 trucks from the previous year. The amount of earnings per truck owner was set at \$1,200.00. This work being for primary highways did not come under the Incentive Program.

A major change was made in the truck hauling schedules coming into effect on April 1st, 1966. The new schedule provides payment for haul by, (a) a "Basic Loading Factor" for each cubic yard or ton hauled, plus (b) haul by cubic yard mile or ton mile. This rate structure provides a more equitable rate return between the long and short mileage ranges.

In our erosion control and right-of-way improvement program, approximately 9,000 acres of highway right-of-way including slopes, ditches and medians were seeded and fertilized during the year.

The signing and guard rail erection program included the erection of major interchange signing east of Olds on Highway 2, west of Morinville on Highway 2, and north of Ardrossan on Highway 16. Approximately 130,000 lineal feet of guard rail was installed for highway safety purposes.

The major interchange at Salisbury Corner on Highway 14 was illuminated requiring 324 luminaires to provide the proper light intensity.

Dust control using calcium chloride salts dissolved in water was applied in concentrated form on approximately 150 miles of highway in selected areas throughout the province. Considerable success has been obtained most economically with this program to date.

During the fiscal year, detailed engineering field surveys were completed on 43 projects involving 305 miles. In addition, 9 major interchanges were surveyed including related access control development. The design was completed on 44 projects involving 323 miles and 8 major interchanges.

The locating of gravel and aggregate sources continued and exploration crews located and tested some 3,680,000 cubic yards of gravel and 960,000 cubic yards of sand covering 164 individual sites for highway construction purposes.

Extensive investigation into the asphalt cracking problem was advanced to such a point to warrant revision in asphalt material specifications for 1967 and the future. Field and laboratory testing, observation and measurement of crack formation and field experimentation supported this action. A field test section which was instrumented indicates that the cracking commenced to occur at approximately  $-10^{\circ}$  Fahrenheit. These investigations will be continued, however, definite results are now coming out of the work done to date.

During the past year, pavement design and construction control testing in the laboratory including sands, gravels, asphalts, paints, etc. required some 43,000 laboratory tests and over 40,000 field tests for field quality control. Field work was controlled using 83 mobile field laboratories. Foundation investigations for 33 bridge and culvert sites were carried out by this Branch. The Testing Laboratory is equipped with special testing equipment for bridge foundations and highway construction.

Our pavement evaluation program was continued and a major structural evaluation system was set in motion to better assist in the implementation of road bans, establishment of weight carrying capacities, designs for upgrading highways and the testing of new construction materials and techniques. In this program, the Department evaluated a Dynaflect apparatus which involves dynamic testing of pavement and an evaluation of the strength of the various pavement layers. The evaluation of this equipment was done in parallel with the Benkelman Beam apparatus universally used.

A special program to evaluate auto-body corrosion was initiated in co-operation with the Ontario Department of Highways and to enlarge on their experiences. The report on this investigation will be available on a Canada-wide basis when the studies are completed.

The Department continued its major function under the joint Highway Research Program made up of the Department of Highways, University of Alberta and the Alberta Research Council. Investigations under this joint research program are playing an important role in many special material problems.

Fifteen applications for the installation of protection at highway-railway grade crossings were made to the Board of Transport Commissioners of Canada of which twelve were refused and three were pending decision. Four grade crossings were protected having been approved previous to 1966.

A Staff-in-Training Program was again conducted covering a four week intensive training course for 37 Highway Instrumentmen during February and March.

The Branch also held an intensive four day seminar for the Staff, Field Construction Engineers and Inspectors during March covering all facets of construction, technical and personnel matters. It was considered that this seminar was highly important to the Department, particularly for those new Engineers who had recently joined the staff and the Inspectors who had been placed in charge of major construction work.

The following is a statement of work performed during the year ended March 31st, 1967.



## HIGHWAY CONSTRUCTION

## GRADING — PRIMARY HIGHWAYS

Job No.	Highway	Location	Miles	Type of Work	Width in Feet	Work Done By
1757L	A1-C-1/3	W. of Cochrane Interchange — Stony Indian Reserve and Interchanges (Nos. 125, 126, 132A)	2.63	Subgrade Construction	50	Contract
1772V	2-A-2	Belly River Revision	1.13	"	Variable	"
1761X	2-E-1	S. of Morinville — S. of Legal and Interchange (No. 115)	2.67	"	42	D.O.H. Contract
"	"	Grandin Ave. Extension	3.20	"	50	"
1767F	2-F-3	S. of Hondo — W. of Sauiteux River	.17	"	Variable	"
1768Y	"	W. of Sauiteux River — E. of Mitsue Lake	3.30	"	42	"
1766Z	"	E. of Mitsue Lake — Slave Lake	6.00	"	42	"
1767W	2-G-1 & 2	W. of Jossard — W. of Enilda	4.98	"	42	D.O.H. Contract
1758V	2-G-4	Peace River Hill Revision (Preliminary Grading)	12.20	"	42	D.O.H. Contract
1768D	3-B-1	E. of Coalhurst — Oldman River and Interchange (No. 128)	2.00	"	Variable	"
"	"	Hwy. 25 Thru Int.	1.30	"	"	"
"	"	Hwy. 3A — W. Bound Connection (No. 129)	.90	"	"	"
1768M	3-B-3	Hwy. 3A — E. Bound Connection (No. 129)	.58	"	"	"
1774A	11-C-1 & 2	W. of Cowley — W. of Lundbreck Falls	.54	"	45	"
1767I	11-C-2	Windy Point — S. of Cline River (Winter Const.)	5.76	"	50	"
1768R	12-C-1 & B-2	S. of Cline River — E. of Whirlpool Point	4.75	"	50	"
"	"	E. of Nevis — Steffler	10.36	Widening Construction	50	"
1764L	12-D-2	S. of Winfield — E. of Norbuck	2.87	"	42	"
1768Q	16-A-1	W. of Kiscoty — Lloydminster	4.40	Widening Construction	60	"
1765Y	16-B-1	Chipman Cor. — E. of Chipman Cor.	8.27	Widening Construction	60	"
1771X	16-B-2	E. of Jct. Hwy. 55 — W. of Elk Island Park Interchange (No. 166)	1.57	Widening Construction	50	D.O.H. Contract
"	"	Ardrossan Dist. Road Thru Int.	6.58	"	56	"
1761Z	16-C-2	E. of Seba Cor. Magnolia Underpass	.31	Construction	Variable	"
1768X	17-A-1	Lloydminster — N. of Rivercourse (Finishing Only)	.40	"	"	"
1765G	17-B	Lloydminster — Jct. Hwy. 45	3.00	"	"	"
1770S	18-A-2	Barhead Cor. — Camp Creek	12.24	"	42	"
1765I	19-A-2	W. of Battle River — Jct. Hwy. 12	2.46	"	42	"
1763F	28-A-1	Edmonton — Nampao	1.86	Widening Construction	120	"
"	"	Interchange (No. 65)	1.38	"	50	"
1764C	28-B-3 & C-3	E. of St. Edouard — N. of Jct. Hwy. 41 and W. Conn.	.72	"	Variable	"
"	"	Intersection Improvement (Int. No. 80) — Hwy. 41	1.56	"	36	"
"	"	E. Connection	.94	"	Variable	"
1768F	36-E-1	Taber — Chin Coulee	.43	"	"	"
1769M	39-A-2	Alsike — E. of Norbuck	12.76	"	42	Contract
1765F	41-A-1	N. of Battle River — E. of Weeks Lake	11.16	"	42	"
1770I	41-C-1	Oyen — S. of Acadia Valley	5.57	"	42	"
1771B	45-A-3 & 4	E. of Morecambe — E. of Myrnam	21.59	"	42	"
1758Q	46-B	S. of Donatville — W. of Grassland	13.11	"	36	Contract
1768L	47	Jct. Hwy. 16 — N. of Erith	.80	"	42	"
			8.16	"	36	"

(Gov't of Sask.)  
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## HIGHWAY CONSTRUCTION

## GRADING—PRIMARY HIGHWAYS (Continued)

Job No.	Highway	Location	Miles	Type of Work	Width in Feet	Work Done By
T771R	49-B-1	W. of Spirit River — W. of Blueberry Cor.	9.88	Subgrade Construction	36	D.O.H.
T768A	53-A	Nelson Lake Revision	1.51	"	34	"
T764W	58-A	Jct. Hwy. 58 — Ft. Vermilion	8.07	"	26	Contract
T995G	58-B	E. of Caribou River — E. of Beaver Ranch Creek	10.08	"	26	"
T771F	63-A-1	S. of Amesbury — Wandering River	12.41	"	42	"
T768G	63-A-2 & B-1	E. of Pelican Portage — S. of Algar Tower	3.00	"	32	D.O.H.
T768E	63-B-1	S. of Algar Tower — N. of Algar Tower	3.00	"	32	"
TOTAL			235.30 Miles			

Subgrade Construction	211.53 Miles	By Contract	208.69 Miles
" Widening	23.77 "	By D.O.H.	26.61 "

TOTAL	235.30 Miles	TOTAL	235.30 Miles
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## HIGHWAY CONSTRUCTION

## GRADING — ACCESS ROADS

Job No.	Highway	Location	Miles	Type of Work	Width in Feet	Work Done By
T552T	43:115	Jct. Hwy. 16 — Evansburg	.16	Subgrade Construction	34	D.O.H.
T554N	43:138	" 45 — Mynnam	.37	"	32	Contract
T554K	43:140	" 28A — Glendon	.16	"	32	"
T554U	43:141	" 9 — Beiseker	.26	"	36	D.O.H.
T554T	43:143	" 28A — Mallaig	2.02	"	32	"
T554V	43:144	" 9 — Irricana	0.50	"	32	"
TOTAL			3.47 Miles			

By Contract	0.53 Miles
By D.O.H.	2.94 "
TOTAL	3.47 Miles

## HIGHWAY CONSTRUCTION

## GRADING — NORTHERN DEVELOPMENT ROADS

Job No.	Highway	Location	Miles	Type of Work	Width in Feet	Work Done By
1995J	N.D. 1	Gage — Hines Creek	9.30	Subgrade	36	D.O.H.
1995A	"	E. of Montagneuse River — S. of Worsley	6.29	"	36	"

## GRADING — PARK ROADS

Job No.	Highway	Location	Miles	Type of Work	Width in Feet	Work Done By
7601A	P.R. 102	Jct. Hwy. 11 — Crimson Lake Park	6.67	Subgrade	36	D.O.H.
7601B	" 104	" 46 — Long Lake Park	3.17	"	32	"
7601E	" 105	Bowden — Red Lodge Park	8.82	"	32	Contract
7601G	" 106	Jct. Hwy. 35 — Lac Cardinal Park	3.31	"	32	D.O.H.
7601C	" 110	" 23 — Little Bow Park	8.68	"	32	Contract
		<b>TOTAL</b>	<b>30.65 Miles</b>			

## GRADING — MISCELLANEOUS

Job No.	Highway	Location	Miles	Type of Work	Width in Feet	Work Done By
7772B	2-G-3 & 4	Intersection Improvement — Jct. Hwys. 2, 2A, and 49	0.44	Subgrade Widening	Variable	Contract
2A-G-3		" " " " 2A and 43:136	0.21	" "	"	"
2-J-1		" " " " 2 and 43:93	0.28	" "	"	"
3-A-3		W. of Barnwell — E. of Taber	—	Culvert Installation	—	D.O.H.
3-B-1		Lethbridge — Oldman River	—	Storm Sewer Installation	—	Contract
7773Q		" " " "	—	Preliminary Grading	—	D.O.H.
7772G	11-C-2	Approach Fills to Cline River Bridge	—	Subgrade Construction	—	"
16-B-2	774E	W. of Elk Island Park — E. Bdy. of Elk Island Park	—	Fencing and Clearing	—	"
28A-B-3		Intersection Improvement — Jct. Hwys. 28A and 43:143	0.38	Subgrade Widening	Variable	D.O.H.
41-C-2		N. of Red Deer River — S. of Red Deer River	—	" "	"	"
44-A-1		Intersection Improvement — Jct. Hwys. 44 and 43:82	0.22	" "	Variable	"
7746G		" " " " 44 and 43:83	0.22	" "	"	"
1554S		" " " " 44 and 43:83	0.22	" "	"	"



## HIGHWAY CONSTRUCTION

## GRADING — MISCELLANEOUS (Continued)

Job No.	Highway	Location	Miles	Type of Work	Width in Feet	Work Done By
T746H	45-A-3	Connection to Old Hwy. 45 — 4 Miles E. of Two Hills	0.43	Subgrade Construction	26	D.O.H.
T772C	49-A-1	Intersection Improvement Jct. Hwy. 49 and 43:119	0.32	" Widening	Variable	Contract
T443C	46:04	Jct. Hwy. 16A — Lobstick River	0.51	Subgrade Construction	34	D.O.H.
T463D	46:05	Vinca Approach Road — Beaverhill Creek	0.64	" "	32	"
T763B	48:10	County of Wetaskiwin	1.18	" "	24	Contract
T150Y	50:05	Jct. Hwy. 18 — N. of Swan Hills	2.70	" "	32	D.O.H.
"	"	N. of Swan Hills — W. of Deer Mountain	6.96	" "	32	Contract
T150Z	"	W. of Deer Mountain — W. of Chalmers Creek	5.68	" "	32	D.O.H.
T150U	"	N. of Chalmers Creek — S. of Jerry Creek	—	Clearing	—	Contract
T765W	"	Swan Hills — S. of Moosehorn River	—	" "	—	"
T995P	N.D. 1	S.W. of Worsley — W. of Clear River (I.D.139)	—	" "	—	"
T995L	N.D. 2	High Level — Chinchaga River (I.D.147)	—	" "	—	"
"	"	" — " — " (I.D. 149)	—	" "	—	"
T150W	42:96C	W. of Cache Lake — Smoky River	2.30	Subgrade Construction	36	D.O.H.
T771W	2-A-1 & 2	Thru Town of Cardston (40:00E-5)	—	Grading, Storm Sewer, Curb & Gutter, Base Course and Plant Mix	Variable	Contract (Agreement)
TOTAL			22.47 Miles			

Subgrade Construction	20.40 Miles	By Contract	9.39 Miles
Widening	2.07 "	By D.O.H.	13.08 "
TOTAL	22.47 Miles	TOTAL	22.47 Miles

## GRADING SUMMARY

Subgrade Construction	Primary Highways	Access Roads	Northern Development Roads	Park Roads	Miscellaneous	Total
" Widening	211.53 Miles	3.47 Miles	15.59 Miles	30.65 Miles	20.40 Miles	281.64 Miles
	23.77 "	Nil	Nil	Nil	2.07 "	25.84 "
TOTALS	235.30 Miles	3.47 Miles	15.59 Miles	30.65 Miles	22.47 Miles	307.48 Miles
By Contract	208.69 Miles	0.53 Miles	Nil	13.15 Miles	9.39 Miles	231.76 Miles
By D.O.H.	26.61 "	2.94 "	15.59 Miles	17.50 "	13.08 "	75.72 "
TOTALS	235.30 Miles	3.47 Miles	15.59 Miles	30.65 Miles	22.47 Miles	307.48 Miles

GOVERNMENT OF THE PROVINCE OF ALBERTA  
DEPARTMENT OF HIGHWAYS—CONSTRUCTION BRANCH

## HIGHWAY CONSTRUCTION

### FIRST COURSE GRAVEL SURFACING — PRIMARY HIGHWAYS

Job No.	Highway	Location	Miles	Work Done By
T772V	2-A-2	Belly River Revision (Pit-Run on Widening) .....	2.67	D.O.H.
T767F	2-F-3 & 44-A-2	S. of Hondo — W. of Saulteaux River .....	15.02	Contract
"	" "	S. Connection to Hwy. 44 .....	.18	"
"	" "	S. Approach to Hondo .....	1.39	"
"	" "	N. Approach to Hondo .....	.70	"
T768Y	2-F-3	W. of Saulteaux River — E. of Mitsue Lake .....	12.77	"
T766Z	2-F-3	E. of Mitsue Lake — Slave Lake .....	10.54	D.O.H.
T767W	2-G-1 & 2	W. of Jousard — W. of Enilda .....	8.06	Contract
T764L	12-D-2	S. of Winfield — E. of Norbuck .....	5.87	"
T765G	17-B	Lloydminster — Jct. Hwy. 45 (Gov't of Sask.) .....	3.00	"
T770S	18-A-2	Barrhead Corner — Camp Creek .....	12.24	"
T765T	19-A-2	W. of Battle River — Jct. Hwy. 12 .....	4.41	"
T764C	28-B-3 & C-3	E. of St. Edouard — N. of Jct. Hwy. 41 .....	1.57	"
"	" "	Int. No. 80 (Hwy. 41 & W. Connection) .....	.94	"
"	" "	E. Connection .....	.43	"
T768F	36-E-1	Taber — Chin Coulee .....	9.26	"
T769M	39-A-2	Alsike — E. of Norbuck .....	11.16	"
T765F	41-A-1	N. of Battle River — E. of Weeks Lake .....	5.57	"
T770T	41-C-1	Oyen — S. of Acadia Valley .....	21.59	"
T771B	45-A-3 & 4	E. of Morecambe — E. of Myrnam .....	13.11	"
T758Q	46-B	S. of Donatville — W. of Grassland .....	1.65	"
T768L	47	Jct. Hwy. 16 — N. of Erith .....	5.16	"
T771R	49-B-1	W. of Spirit River — W. of Blueberry Corner .....	9.88	D.O.H.
T995G	58-B	E. of Caribou River — E. of Beaver Ranch Creek .....	10.08	Contract
T764W	58-A	Jct. Hwy. 58 — Ft. Vermilion .....	12.39	"
T771F	63-A-1	S. of Amesbury — Wandering River .....	12.41	"
T764R	63-A-1	Wandering River — N. of Wandering River .....	3.05	D.O.H.
T758Z	63-A-2	E. of May Tower — E. of Pelican Portage .....	25.01	Contract
T770Y	63-A-1 & 2 & B-1 & 2	N. of Wandering River — Athabasca River .....	127.43	D.O.H.
T766N	63-B-2	S. of Hangingstone River — Athabasca River .....	2.34	Contract
"		Franklin Ave. Connection .....	.40	"
TOTAL .....			350.28 Miles	
By Contract .....			196.71 Miles	
By D.O.H. ....			153.57 "	
TOTAL .....			350.28 Miles	

### FIRST COURSE GRAVEL SURFACING — ACCESS ROADS

Job No.	Highway	Location	Miles	Work Done By
T552T	43:115	Jct. Hwy. 16 — Evansburg .....	.16	D.O.H.
T554N	43:138	" " 45 — Myrnam .....	.37	Contract
T554K	43:140	" " 28A — Glendon .....	.16	"
T554T	43:143	" " 28A — Mallaig .....	2.02	D.O.H.
TOTAL .....			2.71 Miles	
By Contract .....			.53 Miles	
By D.O.H. ....			2.18 "	
TOTAL .....			2.71 Miles	

**FIRST COURSE GRAVEL SURFACING — NORTHERN DEVELOPMENT ROADS**

Job No.	Highway	Location	Miles	Work Done By
T995J	N.D. 1	Gage — Hines Creek .....	9.30	D.O.H.
T995A	"	E. of Montagneuse River — S. of Worsley .....	9.67	"
TOTAL .....			18.97 Miles	
By Contract .....			Nil	
By D.O.H. ....			18.97 Miles	
TOTAL .....			18.97 Miles	

**FIRST COURSE GRAVEL SURFACING — PARK ROADS**

Job No.	Highway	Location	Miles	Work Done By
T601A	P.R. 102	Jct. Hwy. 11 — Crimson Lake Park .....	6.67	D.O.H.
T601B	" 104	" " 46 — Long Lake Park .....	3.17	"
T601E	" 105	Bowden — Red Lodge Park .....	8.82	Contract
T601G	" 106	Jct. Hwy. 35 — Lac Cardinal Park .....	3.31	D.O.H.
T601C	" 110	" " 23 — Little Bow Park .....	8.68	Contract
TOTAL .....			30.65 Miles	
By Contract .....			17.50 Miles	
By D.O.H. ....			13.15 "	
TOTAL .....			30.65 Miles	

**FIRST COURSE GRAVEL SURFACING — MISCELLANEOUS**

Job No.	Highway	Location	Miles	Work Done By
T463A	46:03	N. of Genesee — S. of Carvel .....	3.28	Contract
T463C	46:04	Jct. Hwy. 16A — Lobstick River .....	.76	D.O.H.
T766W	47:143	" " 63 — Ft. McMurray Airport (Pit-Run Gravel) .....	4.02	"
"	"	" " 63 — " " .....	4.02	Contract
T763B	48:10	County of Wetaskiwin .....	2.70	"
T746H	45-A-3	Connection to Old Hwy. 45 — 4 Miles E. of Two Hills .....	.43	D.O.H.
T150Y	50:05	W. of Deer Mountain — N. of Chalmers Creek .....	4.72	"
TOTAL .....			19.93 Miles	
By Contract .....			10.00 Miles	
By D.O.H. ....			9.93 "	
TOTAL .....			19.93 Miles	

**GRAVELLING — SUMMARY**

	Primary Highways	Access Roads	Northern Development Roads	Park Roads	Miscellaneous	Totals
First Course Graveling .....	350.28 Miles	2.71 Miles	18.97 Miles	30.65 Miles	19.93 Miles	422.54 Miles
By Contract .....	196.71 Miles	0.53 Miles	Nil	17.50 Miles	10.00 Miles	224.74 Miles
By D.O.H. ....	153.57 "	2.18 "	18.97 Miles	13.15 "	9.93 "	197.80 "
TOTALS	350.28 Miles	2.71 Miles	18.97 Miles	30.65 Miles	19.93 Miles	422.54 Miles





## STABILIZED BASE COURSE — PRIMARY HIGHWAYS (Continued)

Job No.	Highway	Location	Miles	Type	Work Done By
T763F	28-A-1	Edmonton — Namao (South-Bound Lanes)	1.85	Gravel Stabilized, Cement Stabilized and Top Lift, Asphalt Bound	Contract (Existing 2 Lanes)
"	"	" — " (Two Lanes)	4.01	"	"
T772K	28-B-3	Interchange No. 45	.72	"	"
"	"	St. Paul — E. of St. Edouard	11.64	"	"
T771G	28-C-2	E. of Rife — W. of Bonnyville	9.94	Cement Stabilized and Top Lift	"
"	28-A-B-3	W. of Rife — E. of Rife	4.00	Asphalt Bound	"
T770U	35-A-1	N. of Jct. Hwy. 2 — S. of Dixonville	13.32	Asphalt Stabilized	"
T771K	41-C-5	Jct. Hwy. 41A — S. of Chappice Lake	8.76	"	"
T773E	41-C-5	Intersection Improvement — Jct. Hwy. 41 & T.C.H.	.18	"	"
T771L	41A-C-5	Jct. Hwy. 41 — Medicine Hat	4.99	"	D.O.H. Contract
T766C	44-A-1	S. of Fawcett — E. of Flatbush	1.13	"	"
"	"	E. of Flatbush — E. of Chisholm	15.14	Cement Stabilized and Top Lift	"
T770P	44-A-2	Jct. Hwy. 15 — N. of Bruderheim	4.45	Asphalt Bound	"
T767K	45-A-1	"	"	Asphalt Stabilized	"
"	"	"	"	Cement Stabilized and Top Lift	"
T772L	45-A-1	N. of Bruderheim — N. of St. Michael	10.75	Asphalt Bound	"
T771C	46-A	S. of Abbe — E. of Newbrook	11.16	"	"
T772Y	49-A-1	S. of Falher — E. of Groulxville	4.30	"	"
T762N	49-A-2	S. of Eaglesham — S. of Belloy	9.34	"	D.O.H.
T768A	53-A	E. of Ponoka — W. of Watrglen	14.36	"	"
T770V	56-A-2	E. of Rowley — Jct. Hwy. 9	7.25	"	"
T765Z	57-B	Drayton Valley — W. of Bucklake Creek	10.18	"	Contract
T770N	"	W. of Bucklake Creek — W. of Alsike	10.30	"	"
T771Q	60-A	N. of North Sask. River — Devon	.96	Cement Stabilized and Top Lift	"
"	"	"	"	Asphalt Bound	"

TOTAL 292.91 Miles

Asphalt Stabilized	156.71 Miles
Cement " (Soil)	115.43 "
" (Gravel)	20.77 "
TOTAL	292.91 Miles

By Contract	257.48 Miles
By D.O.H.	35.43 "
TOTAL	292.91 Miles

## STABILIZED BASE COURSE — ACCESS ROADS

Job No.	Highway	Location	Miles	Type	Work Done By
T554R	43-52	Jct. Hwy. No. 1 — Gleichen	1.28	Asphalt Stabilized	Contract
T554A	43-53	" — Cluny	1.52	"	"
T553D	43-96	" — Bonnyville Beach	2.17	"	"
T552E	43-113	" — 56 — Morrin	2.46	"	D.O.H.
T553M	43-126	" — 2 — Rochester	2.30	"	"
"	"	" — 9 — Beiseker	.26	Cement Stabilized and Top Lift	Contract
T554U	43-141	" — 46 — Thorhild	4.05	Asphalt Bound	D.O.H.
T554V	43-142	" — Irricana	.50	"	Contract
"	43-144	"	"	"	D.O.H.

TOTAL 14.54 Miles

Asphalt Stabilized	12.24 Miles
Cement " (Soil)	2.30 "
TOTAL	14.54 Miles

By Contract	11.32 Miles
By D.O.H.	3.22 "
TOTAL	14.54 Miles





DEPARTMENT OF HIGHWAYS—CONSTRUCTION BRANCH  
HIGHWAY CONSTRUCTION

### ASPHALTIC SURFACING — PRIMARY HIGHWAYS (Continued)

Job No.	Highway	Location	Miles	Type of Work	Course	(Finishing Only) (Gov't of Sask.) (Levelling Course)	Work Done By
T767B	12-C-1	E. of Lacombe — W. of Alix	4.47	2" Plant Mix Surface	"	(2nd Lift)	Contract
T768X	17-A-1	Lloydminster — N. of Rivercourse	—	2" " "	"	"	"
T770L	21-A-1	E. of Swatwell — Three Hills	7.00	2" " "	"	"	D.O.H. Contract
T772H	39-A-2	N. of Thorby — Alsike	15.16	3" 4" " "	"	"	"
			3.00	1 1/2 " 2" " "	"	(1st Lift)	"
T771H	42-A	W. of Pine Lake — Jct. Hwy. 21	14.18	2" " "	"	"	"
T771J	46-A	Jct. Hwy. 28 — S. of Abee	10.00	3" " "	"	"	"
T772C	49-A-1	" " " " 2 — S. of Falher	2.78	3" " "	"	"	"
T773H	49-A-3	Rycroft — W. of Prestville	2.98	1 1/2 " 2 1/2 " "	"	"	"
T772E	49-A-3	" " " " — S. of Belloy	20.26	2 1/2 " " "	"	"	"
T770V	56-A-2	E. of Rowley — Jct. Hwy. No. 9	7.25	6" " "	"	"	D.O.H. Contract
T772J	57-B	Alsike — W. of Alsike	1.59	4" " "	"	(1st Lift)	"
T768C	60-A	Jct. Hwy. 16 — Devon	13.17	3" 2" " "	"	"	"
		TOTAL	294.85 Miles				

By Contract ..... 248.07 Miles  
By D.O.H. .... 46.78 "

TOTAL ..... 294.85 Miles

### ASPHALTIC SURFACING — ACCESS ROADS

Job No.	Highway	Location	Miles	Type of Work	Course	Work Done By
T552R	43-90	Jct. Hwy. 21 — Lousana	2.27	Plant Mix Surface	"	Contract
T553Q	43-93	" " " " 2 — Woking	2.80	" " "	"	"
T552V	43-103	" " " " 56 — Clyde	.52	" " "	"	"
T552E	43-113	" " " " 56 — Morrin	2.46	" " "	"	D.O.H. Contract
T552N	43-119	" " " " 49 — Falher	.76	" " "	"	"
T553W	43-131	" " " " 39 — Thorsby	.43	" " "	"	"
T553X	43-132	" " " " 39 — Warburg	.62	" " "	"	"
T554D	43-136	" " " " 2A — Donnelly	.15	" " "	"	"
T554U	43-141	" " " " 9 — Beiseker	.26	" " "	"	D.O.H. (1st Lift Only)
T554V	43-144	" " " " 9 — Irricana	.50	" " "	"	"
		TOTAL	10.77 Miles			

By Contract ..... 7.55 Miles  
By D.O.H. .... 3.22 "

TOTAL ..... 10.77 Miles

## HIGHWAY CONSTRUCTION

## SEAL COAT — PRIMARY HIGHWAYS

Job No.	Highway	Location	Miles	Type of Work	Work Done By
T770Q	2-B-1 & 2	Parkland — Oldman River	38.83	1 1/2" Seal Coat	D.O.H.
T771V	2-C-3/1, D/1,	" " (Thru Claresholm)	1.06	1 1/2" " (4 Lane)	"
T772A	1/2 & 1/3	N. of Penhold — N. of Lacombe	24.97	7/16" & 3/8" Seal Coat (Repair)	"
T769Y	2-D-1/4	N. of Lacombe — N. of Highway 53	6.77	1 1/2" " (4 Lane)	"
T773A	3-A-3	Coaldale — W. of Barnwell	2.26	1 1/2" " (Multilane)	"
T771S	3-B-2	Fort Macleod — Brocket	13.40	1 1/2" " (4 Lane)	"
T771Y	10-A	Drumheller — East Coulee	5.99	1 1/2" " (4 Lane)	"
"	12-C-1	E. of Jct. Hwy. 2 — E. of Lacombe	13.32	1 1/2" " (4 Lane)	"
T772R	12-D-1	W. " — Bentley	6.58	1 1/2" " (4 Lane)	"
T772P	12-D-2	Rimbey — Jct. Hwy. 53	11.09	1 1/2" " (4 Lane)	"
"	14-C-3	W. of Salisbury Interchange — S. of Salisbury Interchange and Hwy. 14X	1.64	1 1/2" " (4 Lane)	"
T770Z	16-A-2 & 3	Vegreville — Stony Creek	1.95	1 1/2" " (4 Lane)	"
T771U	23-A-2	S. of Blackie — Jct. Hwy. No. 2	43.77	1 1/2" " (1 Lane Only)	"
T769Z	36-D-2 & 3	" " — " " " "	1.19	1 1/2" " (1 Lane Only)	"
T771A	39-A-1 & 2	Vauxhall — Jct. Hwy. No. 1	11.85	1 1/2" " (1 Lane Only)	"
		Leduc — N. of Thorsby	3.37	1 1/2" " (1 Lane Only)	"
			40.94	5/8" " "	"
			22.00	1 1/2" " "	"
		TOTAL	250.98 Miles		

## SEAL COAT — ACCESS ROAD

Job No.	Highway	Location	Miles	Type of Work	Work Done By
T554G	43-72	Jct. Hwy No. 1 — Tilley	2.59	5/8" Seal Coat	D.O.H.
T554P	43-109	" " — Brooks	.74	5/8" " "	"
		TOTAL	3.33 Miles		

GOVERNMENT OF THE PROVINCE OF ALBERTA  
DEPARTMENT OF HIGHWAYS

## HIGHWAY CONSTRUCTION

## SUMMARY OF STABILIZED BASE COURSE AND ASPHALTIC SURFACING

## STABILIZED GRAVEL BASE COURSE

By Contract .....	130.30 Miles
By D.O.H. ....	38.65 "
TOTAL	168.95 Miles

## CEMENT STABILIZED BASE COURSE (Gravel)

By Contract .....	20.77 Miles
By D.O.H. ....	—
TOTAL	20.77 Miles

## CEMENT STABILIZED BASE COURSE (Soil)

By Contract .....	117.73 Miles
By D.O.H. ....	—
TOTAL	117.73 Miles

## ASPHALTIC PLANT MIX SURFACE COURSE

By Contract .....	255.62 Miles
By D.O.H. ....	50.00 "
TOTAL	305.62 Miles

## ASPHALTIC SEAL COAT

By Contract .....	—
By D.O.H. ....	254.31 Miles
TOTAL	254.31 Miles

## SUMMARY OF MATERIALS

First Course Gravel Surfacing .....	447,671 Cubic Yards
Subgrade Backfill Material .....	45,482 "
Stabilized Base Course Gravel .....	2,596,414 Tons
Cement Stabilized Base Course (Gravel) .....	147,503 "
" " " " (Sand) .....	810,657 "
Asphalt Stabilized Base Course Gravel (On Cement Stabilized) .....	320,703 "
Asphalt Surfacing Gravel .....	1,158,900 "
Seal Coat (Aggregate ½" Chips) .....	36,693 Cubic Yards
Granular Supply for Culverts .....	17,044 "
Total Asphalt Used .....	22,616,531 Gallons
Total Cement Used .....	59,949 Tons



GOVERNMENT OF THE PROVINCE OF ALBERTA  
DEPARTMENT OF HIGHWAYS

## HIGHWAY CONSTRUCTION

## TOTAL GRAVEL AND SAND MATERIAL REMOVED FROM PITS

Gravel to Road .....	1,827,510 Cubic Yards
Gravel to Stockpile .....	291,376 " "
Sand to Road .....	704,919 " "
<b>TOTAL .....</b>	<b>2,823,805 Cubic Yards</b>

## PROTECTION AT RAILWAY CROSSINGS AT GRADE

Highway	Location	Railway	Type of Protection			
9	7 Mls. E. of Hanna .....	C.N.R.	Flashing	Light	Signals	& Bell
11	8½ Miles W. of Sylvan Lake .....	C.P.R.	"	"	"	"
36	E. of Castor .....	"	"	"	"	"
43:50	Eckville .....	C.N.R.	"	"	"	"

GOVERNMENT OF THE PROVINCE OF ALBERTA  
DEPARTMENT OF HIGHWAYS

MAIN HIGHWAYS CONSTRUCTION  
STATEMENT OF EXPENDITURE FOR THE YEAR ENDED MARCH 31, 1967

JOB NO.			TOTAL	ENGINEERING	RIGHT-OF-WAY	GRADING	DRAINAGE INSTALLATION	BASES	SURFACE COURSES & PAVEMENTS	MISCELLANEOUS CONSTRUCTION	HIGHWAY TESTING & RESEARCH	TRAFFIC SAFETY & ROADSIDE DEVELOPMENT	RENTALS EQUIPT. & SUPPLIES	CAMP & BOARD COSTS
T 773E	1-A-1	Int. of Jct. 1 & 41 (East of Dunmore)	26,854.22	3,953.80				22,900.42						
T 765J	1A-C-1	Calgary - Cochrane	14,778.86	14,778.86										
T 767R	1A-C-1/2 & 1/3	West of Happy Valley - West of Cochrane Int.	387,296.93	35,529.31	12,263.11	71.35	5,098.83	4,575.96	329,200.70	557.67				
T 759W	" " "	" " " " " "	18,564.52	102.00	18,462.52									
T 769B	1A-C-2/2	Kananaskis River - The Gap	16,245.47	16,245.47										
T 757L	1A-C-1/3	West Cochrane Int. - Stony Indian Reserve	629,845.00	75,133.11	50,185.52	227,143.42	9,082.40	267,815.17		2.30		483.08		
T 764U	1A-C-2/3	The Gap - Banff Park Boundary	68,977.73	50,377.05		18,600.68								
T 771W	2-A-1 & 2-40 00 E5	Thru Town of Cardston	239,179.47	217.37			87,954.99		151,007.11					
T 772V	2-A-2	Belly River Revision	89,803.37	9,210.18	7,173.27	68,925.77	2,745.99		1,392.19			355.97		
T 770Q	2-B-1 & 2	Parkland - Jct. Hwy. 3	94,411.22	3,397.53					90,304.20					709.49
T 773M	2-B-2 & 3	Int. Jct. Hwys. 2 & 23 - East of High River	20,074.18	20,074.18										
T 769X	2-B-3	Int. Jct. Hwys. 2 & 2A - South of DeWinton	3,069.63	3,069.63										
T 771T	"	DeWinton - Aldersyde	48.97	30.70										18.27
T 772W	2-C-1	Near Crossfield Cemetery	43,811.21	1,798.75					42,012.46					
T 773B	"	Calgary City Limits - Airdrie	41,685.20	1,529.06				2,434.54	37,717.24			52.76		Cr. 48.40
T 764V	2-C-2, 27A	Olds Interchange, Jcts. Hwy. 2 & 27	237,250.25	21,481.94	4,334.92	3,432.10	698.42	91,067.26	113,293.63	1,806.68		1,135.30		
T 772M	2-C-3	Int. at Jct. Hwy. 2 & P.R. 105 at Bowden	510.24	510.24										
T 771V	2-C-3/1, 2-D-1/1	North of Penhold - North of Lacombe	21,656.44	3,682.16	2,135.64				15,790.86					47.78
T 767Y	2-D-1/1	Red Deer Ravine on 55 St. near Prov. Gov't Training School	478.51		478.51									
T 765L	2-D-1/4	North of Lacombe - North of Hwy. 53	4,387.10	243.62						4,143.48				
T 772A	"	" " " " " "	38,183.66	924.54					37,039.13					219.99
T 774H	2-D-1/4 & 3/2	North of Morningside - South of Leduc	7,803.08	901.08					6,902.00					
T 770M	2-D-2/1 & 2/2	North of Hwy. 53 - West of Hobbema	638,243.61	28,243.96	1,577.50	80.50	3,592.26	46.20	602,735.31	584.30	356.45	1,255.34	9.79	
T 771N	2-D-2/2 & 3/1	West of Hobbema - South of Pipestone Creek	652,123.79	26,444.66	1,130.00		7,823.98		605,387.63	9,862.25		1,475.27		
T 763H	2-D-3/1	South of Hwy. 19 - South of Pipestone Creek	144,247.33	6,927.67	4.16	160.60		129,931.78	7,223.12					665.00
T 770D	2-D-3/1 & 3/2	South of Pipestone Creek - South of Leduc	826,060.20	36,021.66		8,071.30	1,553.80	450.22	776,527.67	2,770.55				
T 761X	2-E-1	South of Morinville - South of Legal	811,287.99	49,359.79	112,131.60	212,282.36	18,451.83	414,727.51	1,667.07	1,571.64		1,096.19		
T 773S	2-E-2	South of Legal - Clyde Corner	28,236.37	28,236.37										
T 770X	"	Clyde Corner - West of Rochester	221,748.59	11,968.96					209,779.63					
T 765X	"	North of Nestow - West of Rochester	1,790.59	1,790.59										
T 771M	2-E-3	West of Rochester - North of Perryvale	466,159.93	23,644.82			146.25	442,368.86						
T 773D	2-F-3	Slide Area - West of Smith	24,478.95	2,126.73		21,268.62			1,083.60					
T 773R	2-G-1	West of Faust - West of Jousard	29,066.45	24,868.32	3,907.00							291.13		
T 767W	2-G-1 & 2	West of Jousard - West of Enilda	617,349.31	43,433.59	17,181.19	510,133.80	19,663.71		24,127.41			2,130.24	10.00	669.37
T 766L	2-G-3	West of Triangle - Jct. Hwy. 34	96,875.46	11,629.04				85,246.42					10.00	
T 758V	2-G-4, 2-H-1	Peace River Hill Revision	835,774.39	60,024.20	357,132.81	414,745.96	3,276.62		584.80					
T 772B	2A-G-3	McLennan - Jct. Hwy. 2	231,552.05	9,911.21	435.73	7,517.78	10,573.71		203,113.62					
T 772D	2-J-1	Rycroft - East of Woking	330,804.63	25,864.61		5,163.23	3,018.51		296,712.88			45.40		
T 759Y	3-A-3	Coaldale - West of Barmwell	39,673.85	2,927.66	3,630.00				32,893.75					222.44
T 763U	3-A-2 & 3	West of Barmwell-Taber	58,732.39	24,139.99	7,257.00	8,744.34	16,231.19		1,861.62			498.25		
T 773Q	3-B-1	Lethbridge - Oldman River	122,206.07	11,041.32	113.21	38,483.64	71,541.79	937.97	88.14					
T 768D	"	East of Coalhurst - Oldman River	1,333,274.58	86,766.46	83,988.68	650,777.86	47,208.91	455,713.93	279.00	708.42		7,831.32		
T 764K	"	Oldman River - West of Jct. Highway 25	6,236.35	1,616.16		4,620.19								89.80
T 773A	3-B-2	West of Fort MacLeod - Brocket	11,081.69	207.13					10,784.76					
T 759K	"	West of Brocket - West of Pincher Station	2,321.55		2,321.55									
T 763G	3-B-3	West of Pincher Creek - West of Cowley	60,843.44	12,440.90		4,363.51	1,191.02	39,882.75		721.05		1,301.42	156.61	
T 768M	"	West of Cowley - West of Lundbreck Falls	594,498.40	49,214.11	36,441.12	297,833.51	8,694.24	177,736.60				178.12	24,400.70	
T 772Q	9-A-1	Jct. Highway 1 - East of Beiseker	341,013.64	20,926.00		31.07	678.94	2,275.79	312,448.58				67.60	4,585.66
T 770W	9-B-1	South of Morrin Corner - East of Morrin Corner	76,824.57	5,869.72	242.20			645.00	67,521.11					2,546.54
T 773F	9-C-2	Oyen Corner - Saskatchewan Bdry.	37,993.55	8,572.59				28,886.91	178.74					355.31
T 773K	"	" " " " " "	167.34						167.34					
T 771S	10-A	Drumheller - East Coulee	46,514.47	2,836.58					42,851.68					826.21
T 774A	11-C-2	Windy Point - South of Cline River	235,070.44	27,150.79		207,950.00								Cr. 30.35
T 767I	"	South of Cline River - East of Whirlpool Pt.	197,825.53	36,620.13		149,744.84	3,356.68		6,455.25	490.70	667.18			500.75
T 772G	"	Approach Fill - Cline River Bridge	91,023.45			90,968.82								54.63

Gravel

Gravel

Sand t

**Highw.**

9

11

36

43:50



GOVERNMENT OF THE PROVINCE OF ALBERTA  
DEPARTMENT OF HIGHWAYS

MAIN HIGHWAYS CONSTRUCTION  
STATEMENT OF EXPENDITURE FOR THE YEAR ENDED MARCH 31, 1967

JOB NO.	HIGHWAY	LOCATION	TOTAL	ENGINEERING	RIGHT-OF-WAY	GRADING	DRAINAGE INSTALLATION	BASES	SURFACE COURSES & PAVEMENTS	MISCELLANEOUS CONSTRUCTION	HIGHWAY TESTING & RESEARCH	TRAFFIC SAFETY & ROADSIDE DEVELOPMENT	RENTALS EQUIPT. & SUPPLIES	CAMP & BOARD COSTS
T 774C	12 - A	East of Monitor - East of Kirriemuir	\$ 2,981.30	\$ 257.04	\$	\$	\$ 2,724.26	\$	\$	\$	\$	\$	\$	\$
T 768B	12-A & B-1	West of Veteran - North of Loyalist	223,915.16	13,881.82					207,956.15			2,077.19		
T 767B	12-C-1	East of Lacombe - West of Alix	63,145.30	5,414.01				3,264.40	48,186.05	6,274.80		6.04		
T 765P	"	West of Alix - East of Nevis	463,790.49	25,101.73	4,472.80	6,857.25	44.6.91	426,269.85		8.00		633.95		
T 768R	"	East of Nevis - Stettler	1,118,704.66	54,074.49	69,433.54	427,166.21	16,967.63	546,461.54		4,552.12		49.13		
T 771Y	12-C-1&D-1	East of Lacombe - Bentley	33,200.62	1,231.54		113.22			31,042.19					813.67
T 764L	12-D-2	South of Winfield - East of Norbuck	112,129.12	13,583.08	4,502.73	70,911.07	6,108.06		16,901.09	119.35		3.74		
T 772R	"	Rimbey - Jct. Hwy. 53	2,385.14	533.00					1,495.19					356.95
T 765H	14-C-3	Edmonton - West Bdry. of Salisbury Int.	204,756.79	6.59	204,750.20									
T 757F	"	Salisbury Int. at Jct. Hwy. 14X	2,883.00	63.00	1,405.00	1,415.00								
T 772P	"	" " " " "	17,303.20	491.50					16,680.73					130.97
T 773U	15-A-1	Edmonton - East of Jct. Hwy. 37	20,929.76	20,929.76										
T 767Z	15-A-2	West Bdry. of Mundare - Jct. Hwy. 16	60,604.10	5,547.83	56.45		538.33	54,217.00		244.49				
T 770G	16-A-1	West of Kitscoty - Lloydminster	13,727.13	1,126.50			56.00	4,090.30	8,454.33					
T 768Q	"	" " " " "	687,090.21	69,046.39	111,339.34	448,983.67	50,850.34	6,750.00		59.00	32.96	28.51		
T 773P	16-A-1 & 2	West of Claysmore - West of Kitscoty	43,569.06	43,569.06										
T 770Z	16-A-2 & 3	Vegreville - Stony Creek	179,868.73	7,387.50		16.39		234.50	165,211.53			3,664.98		3,353.83
T 765Y	16-B-1	Chipman Corner - West of Mundare	58,337.16	6,332.79	4,398.87	44,718.21	1,176.30			1,657.20		53.79		
T 767V	"	" " - East of Mundare	335,314.93	23,721.11			13.34	311,308.01				272.47		
T 767X	"	East of Mundare - Vegreville	8,803.00		8,803.00									
T 772U	16-B-2	West of Elk Island Park - Chipman Corner	17,947.01	17,947.01										
T 752U	"	Interchange Hwys. 16 & 55 at Bremner	101,985.37		101,985.37									
T 769E	"	Clover Bar - West of Bremner Int.	99,372.53	20,013.45										
T 764F	"	East of Bremner Corner - East of Elk Island Park	118,396.48	20,204.01	95,877.00	1,211.78						1,103.69		
T 771X	"	East of Jct. Hwy. 55 - West of Elk Island Park	1,393,108.68	66,741.93	21,320.22	566,370.00	71,899.87	663,528.08		600.00		2,648.58		
T 774E	"	West of Elk Island Park - East of Elk Island Rk.	82,041.78	1,110.63	33,975.29	44,752.12						327.96		1,875.78
T 761Z	16-C-2	East of Seba Corner - Magnolia Underpass	320,444.46	36,156.68	25,076.43	69,599.09	2,879.74	185,454.32	892.50	230.01		155.69		
T 769G	"	Magnolia - Entwistle	22,786.64	4,371.19	18,211.10	79.65		32.40			92.30			
T 762L	17-A-1	Lloydminster - North of Rivercourse	48,952.61		1,400.00	12,445.29		30,053.40	5,053.92					
T 768X	"	North of Blackfoot Creek - North of Battle River	23,921.00		23,921.00									
T 765G	17-B	Lloydminster - Jct. Hwy. 45	55,636.13		3,579.00	52,057.13								
T 770S	18-A-2	Barrhead Corner - Camp Creek	648,701.46	47,092.56	86,373.99	432,702.18	34,269.76		47,261.50	889.96		11.51	100.00	Cr. 1.50
T 771D	19-A-2	Westrose - West of Battle Lake	482,089.70	17,848.42	475.00			463,767.78						
T 765T	"	West of Battle Lake - Jct. Hwy. 12	98,906.57	22,154.22	6,262.13	63,928.59	2,837.93		3,397.60	326.10				
T 770L	21-A-1	Three Hills - South of Three Hills	103,642.16	7,087.00				3,016.60	92,186.61			250.00		1,101.95
T 773W	21-A-1 & 2	Three Hills - Bashaw	58,126.75	4,656.81					52,159.80					1,310.14
T 773N	21-B-2 & 3	Bashaw - Hay Lakes	65,107.57	6,945.69					57,096.43					1,065.45
T 772F	21-C	Jct. Hwy. 1 - South of Rockyford	525,442.57	20,771.82	3,532.00	290.00	22.88	500,825.87						
T 762Y	22-A	Priddis Corner - Millarville	17,247.49	833.83	7,542.81	6,032.22	91.62		2,723.51	23.50				
T 771U	23-A-2	South of Blackie - Jct. Hwy. 2	28,721.92	1,115.82				11,626.95	15,907.40					71.75
T 771P	24-A	Bow River - Jct. Hwy. 1	2,582.80	2,154.15	404.89	23.76								
T 768H	26-A	Thru Village of Carbon	5,622.92	1,688.04	854.00	473.65	828.44			1,766.09		14.90		Cr. 2.20
T 774P	"	Beiseker - Acme	1,118.87	1,118.87										
T 771E	27-B	Jct. Hwy. 2 - West of Torrington	477,424.54	16,515.39	100.59	1,364.91	68.90	459,233.96				40.79	100.00	
T 763F	28-A-1	Edmonton - Nampa	1,032,162.47	73,063.52	137,054.51	381,195.45	22,438.22	399,248.09	5,492.94		29.35	13,615.19	25.20	
T 772K	28-B-3	St. Paul - East of St. Edouard	425,387.41	21,243.73				404,068.11				45.57	30.00	
T 764C	28-B-3 & C-3	East of St. Edouard - North of Jct. Hwy. 41	127,155.02	15,160.96	9,977.77	79,087.38	4,952.82		16,687.41	533.60		755.08		
T 771G	28-A-B-3&C-2	Rife - West of Bonnyville	548,590.27	19,150.31	75.00			529,289.96					75.00	
T 769J	28-C-1	North of Beaver River	1,019.93		1,003.50		16.43							
T 769H	31-A	Jct. Hwy. 16 - Seba Beach	4,825.20		4,825.20									
T 770U	35-A-1	North of Jct. Hwy. 2 - Dixonville	526,284.26	15,377.10				510,907.16						
T 769D	36-A-3	Jct. Hwy. 12 - North of Garden Plains	32,046.23	134.51	29,142.87				2,797.00					Cr. 28.15
T 769Z	36-D-2&3	Vauxhall - Jct. Hwy. 1	143,660.88	6,655.52	429.87				135,104.13					1,471.36
T 768F	36-E-1	Taber-Chin Coulee	512,874.11	75,727.50	56,235.65	314,415.25	41,538.60		23,945.79	500.00	3.64	507.68		
T 773Y	36-E-2	Jct. Hwy. 61 - Warner	17,339.61											
T 765B	36-F	South of Lac La Biche - Jct. Hwy. 46	4,583.33	152.33	4,350.00				81.00					
T 769N	37-A	Jct. Hwy. 15 - Jct. Hwy. 28	437.40	437.40										
T 771Q	37-A	Jct. Hwy. 15 - North of Gibbons	57,039.56	10,783.56	46,256.00									
T 771A	39-A-1 & 2	Leduc - North of Thorsby	76,879.81	2,438.05	400.00	151.85			73,553.83			68.36		267.72
T 772H	39-A-2	North of Thorsby - Alsiike	268,995.33	15,490.05				2,962.62	250,492.66				50.00	
T 769M	"	Alsiike - East of Norbuck	445,689.30	37,390.64	15,997.31	327,823.94	31,716.08		30,099.01	2,662.32				





GOVERNMENT OF THE PROVINCE OF ALBERTA  
DEPARTMENT OF HIGHWAYS

MAIN HIGHWAYS CONSTRUCTION

STATEMENT OF EXPENDITURE FOR THE YEAR ENDED MARCH 31, 1967

JOB NO.	HIGHWAY	LOCATION	TOTAL	ENGINEERING	RIGHT-OF-WAY	GRADING	DRAINAGE & INSTALLATION	BASES	SURFACE COURSES & PAVEMENTS	MISCELLANEOUS CONSTRUCTION	HIGHWAY TESTING & RESEARCH	TRAFFIC SAFETY & ROADSIDE DEVELOPMENT	RENTALS EQUIPT. & SUPPLIES	CAMP & BOARD COSTS
T 765F	41-A-1	North of Battle River - East of Weeks Lake	\$ 164,974.78	\$ 31,879.26	\$ 9,462.95	\$ 101,334.66	\$ 8,129.37		\$ 13,231.16	\$ 937.38				
T 773G	"	East of Weeks Lake - Vermilion	6,238.46	3,834.41	2,404.05									
T 773J	41-A-2	Vermilion - Jct. Hwy. 45	26,382.62	1,881.28					24,219.72					281.62
T 762W	"	Jct. Hwy. 45 - North Saskatchewan River	33,987.35	8,211.05	14,020.82	7,336.75	45.69		3,765.90	607.14				
T 770T	41-C-1	Oyen - South of Acadia Valley	595,370.30	48,386.09	82,782.84	324,894.31	42,322.93		96,736.28	750.11	4.95	126.74		Cr. 633.95
T 772S	41-C-2	North of Red Deer River-South of Red Deer River	81,792.35	18,292.28	8,593.00	54,790.45	116.62							
T 771K	41-C-5	Jct. Hwy. 41 A-South of Chappice Lake	326,647.78	20,715.78			947.40	304,876.77			37.89	69.94		
T 771L	41A-C-5	Jct. Hwy. 41 - Medicine Hat	197,535.69	10,411.38	10,038.81		896.10	176,038.04				151.36		
T 771H	42-A	West of Pine Lake - Jct. Hwy. 21	201,961.91	10,918.53	48.50				190,957.91			36.97		
T 773X	"	Penhold - Jct. Hwy. 21	43.40	2.15										41.25
T 766C	44-A-1	South of Fawcett - East of Flatbush	36,123.30	6,809.19				28,794.06	520.05					
T 770P	44-A-2	East of Flatbush - East of Chisholm	538,421.47	41,335.35	180.00			496,906.12						
T 767K	45-A-1	Jct. Hwy. 15 - North of Bruderheim	199,415.36	16,557.88		2,203.95	92.09	178,976.54	924.50	42.00		618.40		
T 772L	"	North of Bruderheim-North of St. Michael	397,099.89	23,392.85	25.00			373,592.04					150.00	
T 773V	45-A-2	Hairy Hill-Two Hills	21,422.78	21,361.18	61.60									
T 771B	45-A-3 & 4	East of Morecombe - East of Myrnam	518,100.46	40,012.43	47,454.66	350,405.92	46,306.16		31,867.83	1,764.00		289.46		
T 772N	45-A-4	East of Myrnam - Jct. Hwy. 41	9,786.50		9,786.50									
T 771J	46-A	Jct. Hwy. 28-South of Abee	214,610.47	11,779.16					202,831.31					
T 771C	"	South of Abee - East of Newbrook	582,263.59	23,684.50		2,763.27	906.95	554,908.87						
T 758Q	46-B	South of Donatville-West of Grassland	36,449.27	10,057.32	723.02	17,279.41	1,008.74		6,721.08	659.70				
T 772T	"	Atmore - South-East of Flamondan	32,346.31	30,239.21	15.75	2,091.35								
T 765A	"	South-East of Flamondan-Lac La Biche incl. Mission access	32,830.97	5,427.01	27,023.75	195.61							184.60	
T 768L	47	Jct. Hwy. 16 - Erith	538,279.83	62,464.80	3,821.96	411,890.83	18,665.02		18,741.58		1,548.05		21,147.59	
T 772C	49-A-1	Jct. Hwy. 2 -South of Falher	105,509.69	1,970.28	225.00	2,634.16		2,834.00	97,846.25					
T 772Z	"	South of Falher - East of Giroxville	49,091.73	2,816.90				46,204.31	45.32	25.20				
T 772Y	"	" " " " " "	145,870.45	12,771.26				130,998.35	145.89			132.44	200.00	1,622.51
T 762X	"	West of Girouxville - Watino	74,159.54	167.19	92.24	73,900.11								
T 774Q	"	" " " " " "	15,588.85	798.85				14,790.00						
T 762N	49-A-2 & 3	Rycroft - South of Eaglesham	308,212.61	25,919.35	185.00			273,523.33	109.63					8,475.30
T 772E	49-A-3	Rycroft-South of Belloy	288,529.77	17,430.08	283.00			42,769.05	228,071.24					Cr. 23.60
T 773H	"	Rycroft - West of Prestville	60,764.10						60,764.10					
T 771R	49-B-1	West of Spirit River - Blueberry Corner	473,134.99	30,917.13	7,351.27	397,342.79	15,538.15		276.90	5,174.51		73.02		16,461.22
T 772X	"	" " " " " "	17,525.75	715.15					16,810.60					
T 768A	53-A	Ponoka - West of Waterglen - includes Nelson Lake Revision	434,949.22	28,582.09	4,643.52	30,237.11	1,056.43	361,786.65	1,061.73	410.42	11.25	33.70	1,169.89	5,956.43
T 773C	"	West of Waterglen - Jct. Hwy. 21	27,005.70	2,328.00		3,007.86		20,739.74	907.89					22.21
T 765M	53-B	Jct. Hwy. 2A - West of Ponoka	3,217.22	10.27						3,206.95				
T 771Z	"	" " " " " "	152.12	152.12										
T 770V	56-A-2	East of Rowley - Morrin Corner	275,183.10	20,271.53				30,810.92	218,038.13	82.52				5,980.00
T 765Z	57-B	Drayton Valley - West of Bucklake Creek	265,895.19	22,102.23	51.00	2,465.33		241,276.63						
T 770N	"	West of Bucklake Creek - West of Alsike	473,345.64	23,404.21	449.00	3,228.75		446,118.64			145.04			
T 772J	"	Alsike - West of Alsike	22,271.43	2,921.97				1,297.96	18,051.50					
T 761Q	60-A	North of North Saskatchewan River - Devon	31,725.48	2,560.96				28,779.09	385.43					
T 768C	"	Jct. Hwy. 16 - Devon	178,272.81	11,512.29	41.00		856.97		164,471.34	1,219.88		72.05		99.28
T 758Z	50:04	East of May Tower - East of Pelican Portage	185,885.81	20,325.52		111,720.86	3,908.59		46,226.66	1,993.30				1,710.88
T 764R	"	Jct. Hwy. 46 - North of Wandering River	176,524.92	2,373.58	3,850.71	148,869.49	3,061.26		16,606.14			1,763.74		
T 774F	"	Jct. Hwy. 46 - South of Amesbury	50,666.72	2,566.72		48,100.00								
T 771F	50:04-A-1	South of Amesbury - Wandering River	585,713.05	35,204.00	2,491.67	482,855.66	28,926.97		35,087.19	824.25		323.31		
T 770Y	50:04-A-1&B-2	Wandering River - Fort McMurray	140,060.09	3,456.23	175.00	505.40			136,183.06					Cr. 259.60
T 769C	50:04-A-2&B-1	North of Wandering River-South of 21st. base line	6,782.93	2,341.05					4,602.48					Cr. 160.60
T 769U	"	East of Pelican Portage - North of 22nd. Base Line	39,826.02	1,170.17					39,637.40					18.45
T 769V	50:04-B-1	" " " " " " " "	4,164.94	1,392.20					2,755.61					17.13
T 768G	"	East of Pelican Portage - South of Algar Tower	350,482.01	52,385.17		247,120.62	4,610.92		31,738.14				250.00	14,377.16
T 768E	"	South of Algar Tower - North of Algar Tower	609,441.89	3,393.25		605,448.26			345.70					254.68
T 769T	50:04-B-1 & 2	North of 22nd Base Line - Athabasca River	32,166.12	499.00					31,667.12					





GOVERNMENT OF THE PROVINCE OF ALBERTA  
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STATEMENT OF EXPENDITURE FOR THE YEAR ENDED MARCH 31, 1967

JOB NO.	HIGHWAY	LOCATION	TOTAL	ENGINEERING	RIGHT-OF-WAY	GRADING	DRAINAGE & INSTALLATION	BASES	SURFACE COURSES & PAVEMENTS	MISCELLANEOUS CONSTRUCTION	HIGHWAY TESTING & RESEARCH	TRAFFIC SAFETY & ROADSIDE DEVELOPMENT	RENTALS EQUIPT. & SUPPLIES	CAMP & BOARD COSTS
T 766N	50:04-B-2	South of Hangingstone River - Athabasca River	\$ 18,771.28	\$ 7,232.96	\$ 1,586.00	\$ 7,693.72	\$ 40.13	\$	\$ 2,189.47	\$ 180.80	\$	\$	\$	\$ Cr.151.80
T 769K	50:05	Swan Hills - South of Moosehorn River	10,053.02	10,053.02										
T 768Y	50:06	West of Saulteaux River-East of Mitsue Lake	772,659.47	39,838.05		578,225.59	22,720.27		103,582.82	9,769.35		1,800.51	16,568.30	154.58
T 766Z	"	East of Mitsue Lake - Slave Lake	424,237.03	36,608.10	21,896.78	340,320.41	3,363.82		14,236.96	6,480.18	13.50	576.48		740.80
T 767F	50:06 & 44-A-2)	South of Hondo - West of Saulteaux River	210,388.92	17,526.64	1,513.99	120,181.12	3,076.19		48,424.94	3,366.35		16,176.61		123.08
T 764W	50:07	Jct. Hwy. 58 - Fort Vermilion	243,156.17	16,545.57	9,458.41	191,094.88	5,496.83		18,081.08	2,479.40				
T 766W	47:143	Jct. Hwy. 50:04 - Ft. McMurray Airport	23,256.18	3,287.66		12,916.99	195.25		5,851.93	965.30	39.05			
T 763B	48:10	District Roads County of Wetaskiwin	26,745.57	8,852.12	2,172.35	11,690.17	338.00		3,589.48	103.45				
TRAFFIC CONTROL & MISCELLANEOUS CONSTRUCTION														
T 744A	1	Saskatchewan Bdry. - Calgary	605.72	289.58								316.14		
T 744B	"	Calgary - Banff Park Bdry.	114,718.25	10,673.70	29,145.14	2,357.00	565.08			8,909.95		62,467.77		599.61
T 744E	1X	Jct. Hwy. 1 - Jct. Hwy. 1A	128.27	2.75		80.88						21.14		23.50
T 744F	2	Carway - Calgary	50,305.90	490.26	345.60			289.17		11,137.00		36,961.34		1,082.53
T 744G	"	North of Lacombe - Edmonton	132,671.58	9,543.25	15,290.62	3,243.03	598.21		292.76	21,182.21	5,740.25	72,986.01	75.60	3,719.64
T 744H	"	Edmonton - Peace River	97,830.35	5,130.16	8,445.16	425.10		4,072.50	11,765.23			65,146.70		2,845.50
T 744J	"	Peace River - B.C. Bdry.	26,079.27	538.79					14,238.00			10,927.14		375.34
T 744K	"	Calgary - North of Lacombe	146,143.76	3,712.08	3,552.00	2,902.51	145.50	700.09	1,067.11	14,768.28		116,626.43	56.35	2,613.41
T 744L	2A	Calgary-Edmonton	275.35	46.30								22.22		206.83
T 744M	"	Edmonton - Peace River	4,283.48	184.05		627.20						3,270.26		201.97
T 744N	"	Peace River - B.C. Bdry.	1,173.89	1,099.70					74.19					
T 744P	3	Medicine Hat - Crowsnest	76,516.86	2,966.88	50.00	455.72	2,029.21	1,613.22	591.22			66,368.28		2,442.33
T 744Q	4	Lethbridge - Coutts	6,179.10	1,578.10	2,389.00					2,212.00				
T 744S	6	Pincher Station - Waterton Park Bdry.	14.81	14.81										
T 744T	7	Okotoks - Longview	9,544.91	5.00	19.00							9,279.92		240.99
T 744V	9	Inverlake - Alsask	3,890.04	531.49	40.00							2,855.56	487.19	Cr. 24.20
T 744W	10	Drumheller - East Coulee	4,008.68	49.07								3,959.61		
T 744X	11	Jct. Hwy. 2 - Banff Park	13,637.17	636.31	4,020.00	6,107.05	308.40		96.43			2,695.62		Cr. 226.64
T 744Y	12	Saskatchewan Bdry. - Alsiike	89,941.59	4,536.06	17,727.48			1,239.23	1,364.29			61,985.16		3,089.37
T 744Z	13	Saskatchewan Bdry. - Wetaskiwin	3,203.94	92.30								3,111.64		
T 745A	14	Saskatchewan Bdry. - Edmonton	113,059.18	2,355.84	8,850.40	2,700.00						99,147.69		5.25
T 745B	15	Edmonton - East of Mundare	2,897.85				2,500.00					397.85		
T 745C	16	Saskatchewan Bdry. - Edmonton	37,842.41	1,347.31						376.80		34,755.42		1,362.88
T 745D	"	Edmonton - Jasper Park Bdry.	38,950.71	769.79	70.00	437.69			108.00	229.23		35,699.33	50.00	1,586.67
T 745E	17	North of Saskatchewan River - Dilberry Lake Prov. Park	154.79	154.79										
T 745F	18	Clyde Corner - Swan Hills	3,864.81	509.12								3,307.28	1.84	46.57
T 745G	19	Wetaskiwin - East of Winfield	22,811.30	156.29								20,114.26		2,540.75
T 745H	20	Bentley - Sylvan Lake	14,317.78	112.63					13,096.38			1,108.77		
T 745J	21	Jct. Hwy. 9 - Jct. Hwy. 14	18,690.47	5,362.24	1,708.39	197.80			841.32			9,836.26		744.46
T 745K	22	Midnapore - Black Diamond	13,639.54	147.84	68.85					88.10		13,074.55		260.20
T 745L	23	Monarch - High River	2,606.44	356.87			384.23					1,865.34		
T 745M	24	Vulcan Corner - Jct. Hwy. 1	11,300.68		50.00							9,052.80		2,197.88
T 745N	25	Lethbridge - East of Little Bow River	14,997.35	383.39	1,588.38				13,025.58					
T 745P	26	Beiseker - South of Carbon	13,583.29	81.00					5,634.00	2,004.86		5,665.94	8.51	188.98
T 745Q	27	Sundre - Jct. Hwy. 21	6,963.93	50.78		317.84	497.30					6,058.20		39.81
T 745R	28	Edmonton - Cold Lake	37,419.79	2,642.40				3,237.30	18,574.49			12,915.53		50.07
T 745X	34	Little Smoky River - Jct. Hwy. 2	2,341.15	2,332.00								9.15		
T 745Y	35	Grimshaw - North Prov. Bdry.	11,160.53	196.95	781.50				1,380.36			7,129.34		1,672.38
T 745Z	36	St. Brides - Taber	94,151.09	4,859.16	11,579.80	32.66			52,068.24	1,034.34		25,064.02		Cr. 487.13
T 746B	39	Leduc - Norbuck	2,809.81	226.60								2,580.21		3.00
T 746C	40	Jct. Hwy. 2 - Immigrant Gap	7,104.08	130.61		500.00			99.90			5,867.93		505.64
T 746D	41	Jct. Hwy. 28 - Schuler	26,171.75	1,886.73	8,129.96	566.00	233.48					15,017.95	10.32	327.31
T 746E	42	Penhold to Lousana	1,413.78	83.26								1,330.52		
T 746F	43	Carvel Corner - Valleyview	1,087.86		40.00	1,047.86								
T 746G	44	Westlock - South of Hondo	14,474.22	877.06	29.00							12,246.47		1,321.69
T 746H	45	Bruderheim - Saskatchewan Bdry.	42,038.38	1,129.37	4,931.97	761.13			33,840.47			1,367.14		8.00
T 746J	46	Radway - Lac La Biche	6,203.21	119.15	2,152.00	563.11	71.66					2,992.36		304.93





GOVERNMENT OF THE PROVINCE OF ALBERTA  
DEPARTMENT OF HIGHWAYS

MAIN HIGHWAYS CONSTRUCTION

STATEMENT OF EXPENDITURE FOR THE YEAR ENDED MARCH 31, 1967

JOB NO.	HIGHWAY	LOCATION	TOTAL	ENGINEERING	RIGHT-OF-WAY	GRADING	DRAINAGE & INSTALLATION	BASES	SURFACE COURSES & PAVEMENTS	MISCELLANEOUS CONSTRUCTION	HIGHWAYS TESTING & RESEARCH	TRAFFIC SAFETY & ROADSIDE DEVELOPMENT	RENTALS, EQUIPT., & SUPPLIES	CAMP & BOARD COSTS
			\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
T 746K	47	Jct. Hwy. 16 - Foothills	232.59	86.22								146.37		
T 746M	49	Donnelly - B. C. Bdry.	43,951.48	3,442.82	706.48	428.68			10,321.02			28,040.95		1,011.53
T 746N	50	Tees - Mirror	13.07	5.40								7.67		
T 746P	51	West of Bentley - West of Gilby	2,729.98		40.00							2,689.98		
T 746R	53	North of Bashaw - North of Rimbey	1,617.66	816.07	124.00							677.59		
T 746S	54	Innisfail - Clearwater	579.35		278.00	286.20		15.15						
T 746U	56	Stettler - Morrin	1,820.40	25.23	39.00							1,756.17		
T 746V	57	Entwistle - Alsike	47,332.02	633.41								43,800.82		2,897.79
T 746W	59	North of Sexsmith - West of Hythe	3,346.24	130.50					3,045.97			169.77		
T 746X	60	Jct. Hwy. 16 - Devon	12,272.79	189.11			185.56					9,820.58		2,077.54
T 746Y	61	Stirling - Manyberries	216.40		60.00	89.00						67.40		
			37,304,784.65	2,856,103.89	2,343,633.81	11,024,173.06	821,579.79	11,465,034.18	7,457,877.18	148,502.16	8,721.86	999,330.01	65,645.09	114,183.62

ADMINISTRATION

T 741A		Salaries	\$ 484,957.08											
T 741B	File 3083EQ	Equipt. & supplies	88,606.03											
T 741C	" 3083	Head Office Admin	109,226.41											
T 741E	" 3196	Highway Testing Lab.	20,220.34											
T 741F	" 3225	Benkelman Beam Testing	108,491.52											
T 741G	" 3229	Special Projects - Soils Dept.	38,830.40											
T 741H	" 3077	Gravel Research	104,704.70											
T 741J	" 3083	Engineering Headquarters	195,543.30											
T 741N	" 3083	Purchase of Gravel & Sand Pits	83,100.00											
T 741P	" 3083	Rental of Stockpile Sites & Haul Roads	23,413.90											
T 741Q	" 3083	Rental of Railroad spurs	893.41											
T 741S	" 3083ST	Wages survey school	9,548.00											
T 741W	" 3083	Highways Research - Research Council of Alta.	42,388.81											
			1,309,923.90	981,393.47	100,432.10	180.00		316.05	3,483.65		182,658.76	1,206.32	39,916.05	337.50
			\$38,614,708.55	\$3,837,497.36	\$2,444,065.91	\$11,024,353.06	\$821,579.79	\$11,465,350.23	\$7,461,360.83	\$148,502.16	\$191,380.62	\$1,000,536.33	\$105,561.14	\$114,521.12

Memorandum re: Trans-Canada Highway:

Reimbursements from April 1, 1928 - March 31, 1961 (Appropriation 2156)	\$ 20,821,965.21
" " April 1, 1961 - March 31, 1967	<u>1,258,733.92</u>
	\$ <u>22,080,699.13</u>

Roads to Resources - Highway 35 and 58:	
Reimbursements from April 1958 to March 31, 1967	\$7,500,000.00



GOVERNMENT OF THE PROVINCE OF ALBERTA

DEPARTMENT OF HIGHWAYS

ACCESS ROADS

STATEMENT OF EXPENDITURE FOR THE YEAR ENDED MARCH 31, 1967

JOB NUMBER	FILE	LOCATION	TOTAL	ENGINEERING	RIGHT OF WAY	GRADING	DRAINAGE INSTALLATION	BASES	SURFACE COURSES	MISCELLANEOUS CONSTRUCTION	TRAFFIC SAFETY & ROADSIDE DEVELOP- MENT	HIGHWAYS TESTING	CAMP & BOARD COSTS
T554R	43:52	Jct. Hwy. 1 - Gleichen	\$ 53,057.87	\$ 3,442.04	\$	\$	\$	\$ 48,447.39	\$	\$	\$ 1,168.44	\$	\$
T554A	43:53	Jct. Hwy. 1 - Cluny	48,902.74	2,377.16				46,525.58					
T554G	43:72	Jct. Hwy. 1 - Tilley	7,283.85	56.25	10.00				6,631.94		41.80		543.86
T554S	43:83	Jct. Hwy. 44 - Fawcett	20,481.56	6,800.30	313.80	13,257.16	110.30						
T552R	43:90	Jct. Hwy. 21 - Lousana	26,601.45	137.57					26,463.88				
T553Q	43:93	Jct. Hwy. 2 - Woking	46,307.41						46,307.41				
T553D	43:96	Jct. Hwy. 28 - Bonnyville Beach	49,816.13					49,816.13					
T552V	43:103	Jct. Hwy. 2 - Clyde	8,359.46	178.21					8,181.25				
T554P	43:109	Jct. Hwy. 1 - Brooks	2,329.80	56.25					2,237.68		13.94		21.93
T552E	43:113	Jct. Hwy. 56 - Morrin	74,206.64	1,211.68				24,949.69	47,752.95		254.41		37.91
T552T	43:115	Jct. Hwy. 16 - Evansburg	10,443.75	2,476.22	182.40	6,130.10	156.58		1,449.55	46.20		2.70	
T552N	43:119	Jct. Hwy. 49 - Falher	12,933.48	180.70					12,752.78				
T553L	43:125	Jct. Hwy. 2 - Kinuso	2,363.33	2,363.33									
T553M	43:126	Jct. Hwy. 2 - Rochester	66,086.38	1,399.47				63,601.13			1,059.15		26.63
T553N	43:127	Jct. Hwy. 49 - Girouxville	6,303.61	1,602.61				4,701.00					
T553W	43:131	Jct. Hwy. 39 - Thorsby	4,788.48						4,788.48				
T553X	43:132	Jct. Hwy. 39 - Warburg	8,330.15	185.41					8,144.74				
T554D	43:136	Jct. Hwy. 2A - Donnelly	4,025.21	511.59			590.00		2,923.62				
T554N	43:138	Jct. Hwy. 45 - Myrnam	11,504.05	503.23	73.51	9,460.00	736.00		661.71	69.60			
T554K	43:140	Jct. Hwy. 28A - Glendon	23,918.13	6,897.20	721.63	7,059.74	507.86		8,510.26	221.44			
T554U	43:141	Jct. Hwy. 9 - Beiseker	15,072.25	132.00	8.70	9,486.45	1,092.69	2,126.90	2,103.11	122.40			
T554Q	43:142	Jct. Hwy. 46 - Thorhild	132,808.69	4,290.58				128,512.61			5.50		
T554T	43:143	Jct. Hwy. 28A - Mallaig	79,685.57	15,954.61	6,315.53	50,625.07	4,861.94		1,928.42				
T554V	43:144	Jct. Hwy. 9 - Irricana	7,926.17			1,951.23		1,883.24	3,169.41	922.29			
APPROPRIATION 1541			\$723,536.16	\$50,756.41	\$7,625.57	\$ 97,969.75	\$ 8,055.37	\$370,563.67	\$184,007.19	\$ 1,381.93	\$ 2,543.24	\$ 2.70	\$ 630.33





## GOVERNMENT OF THE PROVINCE OF ALBERTA

## DEPARTMENT OF HIGHWAYS

## ROADS TO PROVINCIAL PARKS

## STATEMENT OF EXPENDITURE FOR THE YEAR ENDED MARCH 31, 1967

JOB NUMBER	PROJECT	LOCATION	TOTAL	ENGINEERING	RIGHT OF WAY	GRADING	DRAINAGE & INSTALLATION	SURFACE COURSES & PAVEMENTS	MISCELLANEOUS CONSTRUCTION	TRAFFIC SAFETY & ROADSIDE DEVELOPMENT	HIGHWAYS TESTING & RESEARCH	CAMP & BOARD COSTS
T601A	PR 102	Jct. Hwy. 11 - Crimson Lake	\$ 268,514.02	\$ 16,966.12	\$ 797.15	\$219,525.29	\$ 11,413.10	\$10,445.49	\$ 378.60	\$ 3,163.13	\$	\$5,825.14
T601B	PR 104	Jct. Hwy. 46 - Long Lake	155,027.22	31,908.27	11,382.90	92,545.85	15,964.74	3,225.46				
T601E	PR 105	Jct. Hwy. 2 - Red Lodge	258,246.81	26,895.61	30,615.35	161,136.15	20,897.78	14,759.87	3,806.90	16.50	118.65	
T601G	PR 106	Jct. Hwy. 2 - Cardinal Lake	86,113.54	10,500.99	10,845.43	55,806.06	5,147.92	3,364.50	354.99	93.65		
T601F	PR 107	Barrhead - Thunder Lake	14,413.96	4,173.96	10,240.00							
T601D	PR 108	Jct. Hwy. 2A - Winagami Lake	9,204.71	9,204.71								
T601J	PR 109	Jct. Hwy. 21 - Miquelon Lake	126.89	126.89								
T601C	PR 110	Jct. Hwy. 23 - Little Bow River	199,500.34	29,729.85	19,251.69	103,218.45	17,678.09	29,394.69	184.80	42.77		
T601H	PR 112	Jct. Hwy. 49 - Moonshine Lake	10,496.99	10,215.99	281.00							
APPROPRIATION 1543			\$1,001,644.48	\$139,722.39	\$83,413.52	\$632,231.80	\$ 71,101.63	\$61,190.01	\$4,725.29	\$ 3,316.05	\$ 118.65	\$5,825.14





GOVERNMENT OF THE PROVINCE OF ALBERTA  
DEPARTMENT OF HIGHWAYS

**PLANNING BRANCH**

M. J. Dolinsky, Chief Planning Engineer

The evolving of current and future plans for the Provincial highway system and certain of the district highways continued with 11 field survey projects under way during the year, with preliminary planning studies undertaken on some 12 other projects.

Access control studies on the freeways between Banff, Calgary and Edmonton and other controlled access highways continued.

Functional planning and design for 20 interchanges were compiled during the year.

The programme for obtaining special aerial photography of new highway routes for preliminary design uses and of completed highways for planning access control and interchange development was continued during the year. In addition to photography for planning purposes, this branch accommodated in filling requests for special photography for other branches of the Department. A total of 1750 line miles of photography was obtained during the year. All new location projects undertaken during the year utilized mosaic-profile sheets. Some 1152 miles of study and access control mosaics of existing highways on standard sheets were prepared. In addition to new photography, extensive use was made of Department of Lands and Forests photography for study and reconnaissance purposes.

Work continued towards developing computer programmes for photogrammetric plotting control and digitizing topographic data for eventual usage in earthwork design programmes. Plans were also concluded towards the acquisition of two photogrammetric plotters and electronic digitizing equipment in the coming Fiscal Year.

Contour mapping programmes were continued to supply topographic data for the majority of bridge and interchange functional design studies.

Traffic volume and accident data are continually analyzed and updated by means of a computer programme with specialized speed studies, origin-destination survey and truck weight studies undertaken. The Traffic Section supplies operational traffic guidance to other branches and is responsible for the design and layout of all highway signing systems, illumination plans, railway crossing improvement programmes and application submissions.

This section has also been active in the preparation for 1967 Centennial Celebrations, with particular emphasis on routing of Centennial Caravans through the Province.

During the past year the computer facilities of the Provincial Data Centre have been utilized to facilitate quicker and more thorough analysis of various traffic studies. Computer programmes have been written to analyze origin-destination studies, traffic count records from permanent counting stations, rail-road crossing sufficiency rating and traffic accident records.

Highway development and control regulations were administered by reviewing application for subdivisions, buildings access and pipe line crossings and issuing permits for those meeting requirements and conforming with future highway and roadway improvements.

The Secondary Road studies passed through the fact gathering and proposal stages this year, resulting in recommendations for a Secondary system of roads to service the populated rural areas of the entire Province. The Province was broken down into 19 study areas. Eighteen of the studies were conducted by representatives of the Counties and Municipalities employing the services of professional Engineering and Planning Consultants. Four of these studies were carried out under the auspices of Regional Planning Commissions. Study of the nineteenth area consisting of six Improvement Districts in the Edson area was conducted by the Department of Highways in co-operation with the Department of Municipal Affairs.

The following is a list of major projects and activities of the branch performed during the year:

**1. Location Planning Surveys continued from past year:**

Highway 13	-	-	-	-	-	-	Jct. Highway 2A to W. Camrose
" 47	-	-	-	-	-	-	South of Robb to Jct. Highway 16
Dist. Hwy. County 8 & I.D. 22	-	-	-	-	-	-	South Saskatchewan River at Bow
" " 22	-	-	-	-	-	-	Driedmeat Lake west
P.N.D. 1 I.D. 139	-	-	-	-	-	-	B.C. Boundary to Fairview

**2. Location Planning Surveys undertaken:**

Highway 2	-	-	-	-	-	-	Athabasca to Hondo
Dist. Hwy. I.D. 96	-	-	-	-	-	-	Muskeg Cabins to Grande Cache
" County 21 & 19	-	-	-	-	-	-	North Saskatchewan River at Myrnam
" M.D. 44	-	-	-	-	-	-	Trans-Canada Highway to North of Cochrane
" I.D. 147 & 149	-	-	-	-	-	-	Rainbow Lake — High Level
" I.D. 96	-	-	-	-	-	-	Hinton to Grande Prairie

**3. Field Control — Office Studies:**

Highway 3	-	-	-	-	-	-	Island Lake to Burmis
Dist. Hwy. County 13 & M.D. 82	-	-	-	-	-	-	North Saskatchewan River at Pakan
Highway 2	-	-	-	-	-	-	Leduc to Edmonton
" 2	-	-	-	-	-	-	N. Morinville to Clyde Corner
" 1	-	-	-	-	-	-	Jct. Highway 36 — Tilley

**4. Traffic Surveys Completed:**

3 Special Studies (Pedestrian and Time Delay)
73 Speed Studies at various points on the highway system
383 Manual Vehicle Classification and turning movement counts
7 Major origin-destination surveys
8 Origin-destination surveys at Provincial Parks
57 "Accident-Prone" Location Studies
9 Special Volume Studies
52 Automatic permanent traffic counting stations were operated
70 Temporary auto vehicle counting stations were operated

**5. Aerial Photography and Photogrammetry:**

New Photography .....	1,750 miles
Plan profile mosaics .....	285 "
Access control mosaics .....	1,152 "
Contour mapping .....	110 square miles

**6. Subdivision, Development and Utility Applications:**

Subdivisions .....	215
Development and access .....	251
Power lines .....	1,335
Gas and oil pipelines .....	190
Water and sewer lines .....	9
Miscellaneous .....	34

GOVERNMENT OF THE PROVINCE OF ALBERTA  
DEPARTMENT OF HIGHWAYS

**PLANNING BRANCH**

Expenditures for the Year Ended March 31st, 1967

**MAIN AND SECONDARY HIGHWAYS:**

Highway No.	Description	Amount	
2	Athabasca to Hondo .....	\$ 20,479.16	
3	Island Lake to Burmis .....	1,306.36	
13	Junction Hwy. 2A to Camrose .....	275.47	
47	Junction Hwy. 16 to Robb .....	619.27	\$ 22,680.26

**DISTRICT HIGHWAYS:**

Municipal Jurisdiction	Description	Amount	
County 8 & I.D. 22	South Sask. River at Bow Island .....	\$ 939.12	
" 13 & M.D. 82	Pakan River Crossing on N. Sask. River .....	386.23	
" 22	Driedmeat Lake West .....	1,511.05	
I.D. 96	Muskeg Cabins to Grande Cache .....	30,939.38	
County 22 & 19	North. Sask. River Crossing at Myrnam .....	5,920.09	
M.D. 44	Trans-Canada Highway to N. of Cochrane .....	2,494.94	\$ 42,190.81

**ADMINISTRATION:**

Salaries .....	\$249,774.20	
General Administration .....	55,075.65	
Equipment .....	20,390.14	
Photography, Mosaics and Mapping .....	36,176.31	
Traffic Control Class Turning Movements .....	40,193.50	
Traffic Office .....	21,845.89	
Traffic Studies and Speed Studies .....	2,348.00	
Traffic Accident Studies .....	1,110.05	
Pedestrian Counts and Special Counts .....	1,204.68	\$428,118.42
Appropriation 1585		\$492,989.49

**NORTHERN DEVELOPMENT COUNCIL HIGHWAY PROJECTS:**

I.D. 96	Highway 10 to Muskeg Corner .....	\$ 30,798.11	
" 138	Whitemud Creek at Deadwood .....	3,321.18	
" 139	B.C. Boundary to Fairview .....	16,044.81	
" 147 & 149	High Level to Rainbow Lake .....	54,708.53	
Appropriation 1591			\$104,872.63
Appropriation 1585, 1591			\$597,862.12



GOVERNMENT OF THE PROVINCE OF ALBERTA  
DEPARTMENT OF HIGHWAYS

**BRIDGE BRANCH**

**BRIDGE CONSTRUCTION AND MAINTENANCE**

E. J. Sanden, Chief Bridge Engineer

Expenditures on bridge construction and maintenance during 1966-67 were 17% higher than in the previous year and 34% higher than the three years preceding. This increase resulted mainly from the Peace River bridge project and also bridge requirements with respect to northern development, without a cutback in the usual programme.

Construction proceeded on a total of 268 bridges and 330 large culverts in lieu of bridges. In addition, repairs were carried out on 217 structures. Of the 268 bridges under construction 51 were in the major or semi-major category and 217 were of the standard type precast concrete decks on timber substructures. Twenty of the larger bridges were on district roads and 31 were on main highways. The highway bridges programme included 13 grade separations to improve safety at intersections.

Most of the larger bridges were built by the award of contracts pursuant to public tender. Day labour crews were used mainly to continue the bridge maintenance programme for construction of standard type bridges and the reconstruction and improvement of crossings using existing steel trusses. Department crews also constructed several of the semi-major bridges by reason of scheduling and locations in remote areas. During the winter, additional labour requirements on the Peace River bridge substructure drew heavily on the skilled personnel available from other bridge crews which required re-adjustment of bridge crews temporarily.

Progress continued in the programme to increase the clearances on older steel bridges on district roads, by the replacement of old portals and wind bracing, 16 bridges were thus improved.

The construction of approach roads to major bridges included completion of the approaches to the Sakwatamau River bridge near Whitecourt, the approaches to the Pembina River bridge west of Dapp, and to the Lesser Slave River bridge at Slave Lake. Construction of the approach roads to the North Saskatchewan River bridge near the Vinca ferry was commenced.

**CONSTRUCTION OF MAJOR BRIDGES**

1. **The Peace River Bridge at Peace River town, File 75946.** During 1966-67 department crews completed the substructure, the erection and the decking of the girder approach spans. A contract was awarded for erection of the four long tied-arch spans and the superstructure contractor completed erection of the first of these. Progress was ahead of schedule at the year's end.
2. **The Athabasca River Bridge Near Hondo, File 76034.** A part of the new Highway No. 2 facility to Slave Lake, was completed in the fall and opened to traffic.
3. **The Oldman River Bridge at Lethbridge, File 1074.** Widening of this bridge to a four-lane divided freeway of Highway No. 3 started in 1965 and was virtually completed by March 31, 1967.
4. **The Bow River Bridge on the Trans-Canada Highway at Canmore, File 74353.** Construction of the bridge to a four-lane divided facility was started in December of 1965 and was completed except for minor site items.

5. **The Belly River Bridge on Highway No. 2 at Stand Off, File 135.** Replacement of the old narrow steel bridge with a prestressed concrete girder bridge on improved alignment started in 1966 and was substantially completed.
6. **The Cline River Bridge on the David Thompson Highway, File 73429.** The substructure was completed and the steel erected for this 375' continuous welded steel girder bridge. Placing of the concrete deck and completion is scheduled for the fall of 1967.
7. **The Red Deer River Bridge on Highway 41 Near Empress, File 75701.** Construction of this 720' long four-span welded steel girder bridge started in October, 1966. Most of the substructure and part of the steel erection was completed in 1966-67. Construction is slightly behind schedule but completion is scheduled in the fall of 1967.
8. **The North Saskatchewan River Bridge at the Vinca Ferry, File 74233.** This 945' five-span welded steel girder bridge was tendered in 1966. The substructure and steel erection was completed. The concrete deck remains to be placed and the bridge is scheduled for completion in the fall of 1967.
9. **The South Saskatchewan River Bridge Near Bow Island, File 7526.** This 945' seven-span precast concrete girder bridge was started in January 1967 with completion scheduled for 1968.
10. **The Smoky River Bridge Near Grande Cache, File 76474.** Construction of a 250' steel through-truss with 55' precast concrete approach spans by department crews was started in January 1967 and was opened to traffic at the end of March 1967.

#### CONSTRUCTION OF SEMI-MAJOR BRIDGES ON MAIN HIGHWAYS:

##### (a) River Bridges on Main Highways:

File No.	Hwy. No.	Stream	Bridge Type
*76058	2-G-4	Pat's Creek	S.P.C.M.P.
*76364	3-B-3	Crowsnest River	Conc. girder
*76118	2	Salteaux River	Steel girder
*76117	2	Otauwau River	" "
*76478	2-G	Sucker Creek	Precast concrete
*75695	58	Caribou River	Steel truss
*74355	1	Jumping Pound Creek	" girder
*75529	3	Castle River	Prestressed conc. girder
*75774	63	House River at Lyle Lake	" " "
*76163	58	Boyer River	Steel truss
*76185	63	Wandering River at Breynat	Precast conc. girder

##### (b) Grade Separations on Main Highways:

File No.	Hwy.No.	Project	Bridge Type
**76187	3-B-1	Hwy. 3 and 3A G.S.	Steel girder
**76177	3-B-1	Hwy. 3 and 25 G.S.	Precast conc. girder
**76181	3-B-1	Hwy. 3, 3A and C.P.R. G.S.	Steel girder
*73640	12-C-1	Hwy. 12 and C.P.R. Alix G.S.	Cast-in-place concrete
*76330	12-C-1	Hwy. 12 and C.P.R. Erskine G.S.	Precast conc. girder
*76159	16-B-2	Hwy. 16 and Dist. Rd. G.S.	" " "
*76158	2	Hwy. 2 and 27 G.S.	Steel girder
*76054	2	Hwy. 2 and N.A.R. Morinville G.S.	Precast conc. girder
*76102	2	Hwy. 2 Int. Morinville	" " "
*74596	A1-C-1/3	Interchange at Jumping Pound	Steel frame
*73621	12	Overpass of C.N.R. at Alix	Precast conc. girder
*75707	28-A-1	Namoo Interchange	" " "
*76109	2	Overpass of N.A.R. at Hondo	" " "

#### CONSTRUCTION OF SEMI-MAJOR BRIDGES ON DISTRICT ROADS:

File No.	Project	Bridge type
*76223	Sakwatamau River	Prestressed conc. girder
*76351	Ram River Forestry Road	Steel truss
* 2047	Fish Creek, Priddis	Precast conc. girder
* 1669	Lee Creek, Cardston	" " "
**76190	Iosegun River	Steel truss
**73608	Waterton River, Hillspring	" "
**76480	Belly River, in Blood Indian Reserve	" "
* 7329	Red Deer River at Rosedale	Reconstruct substructure
** 8641	Sturgeon River, E. of Gibbons	Precast conc. girder
* 1766	Beaverhill Creek, Near Vinca	" " "
*13166	Pembina River, W. of Dapp	Steel truss
* 7460	Slave River at Slave Lake	Precast conc. girder
*76134	East Prairie River, S. of Enilda	Steel truss
*76200	Puskwaskau River N. of Debolt	" "
* 309	Blindman River at Blackfalds	" "
*76362	East Prairie River S. of Enilda	" "
*13400	Boyer River W. of Ft. Vermilion	" "

\*Completed in 1966-67

\*\*Started in 1966-67

CONSTRUCTION OF STANDARD-TYPE BRIDGE STRUCTURES:

Type	Main Highways	District Roads
Standard Bridges .....	9	208
Steel Culverts .....	28	282
Timber Culverts .....	—	4
Concrete Culverts .....	1	2
Stock and Pedestrian Underpasses	9	4
	<u>47</u>	<u>500</u>

BRIDGE REPAIRS:

Type	Main Highways	District Roads
Major Bridges .....	11	68
Standard Bridges .....	59	64
Culverts .....	3	4
Bridges Painted .....	—	8
	<u>73</u>	<u>144</u>



GOVERNMENT OF THE PROVINCE OF ALBERTA  
DEPARTMENT OF HIGHWAYS

STATEMENT OF EXPENDITURE ON MAINTENANCE AND  
REPLACEMENT OF BRIDGES

For the Year Ended March 31st, 1967

**MAINTENANCE**

M.D., I.D. or County	Total	M.D., I.D. or County	Total
Head Office Supervision .....	\$ 16,978.90	M.D. 44 .....	\$ 86,594.77
Salaries .....	434,024.68	I.D. 46 .....	7,985.51
Equipment .....	67,412.85	M.D. 47 .....	21,718.65
Sick Leave .....	4,848.95	" 48 .....	55,619.30
City of Edmonton .....	4,779.02	I.D. 58 .....	19,270.17
Jasper Place .....	296.38	M.D. 61 .....	6,490.75
City of Calgary .....	30.00	" 62 .....	24,397.48
Board Account .....	4,196.16	I.D. 65 .....	28,484.59
County 1 .....	96,053.85	" 69 .....	1,652.53
" 2 .....	50,439.67	" 77 .....	14,485.69
" 3 .....	23,728.76	" 78 .....	98,831.43
" 4 .....	32,633.09	" 79 .....	2,529.87
" 5 .....	43,049.51	M.D. 82 .....	22,274.90
" 6 .....	48,313.69	" 84 .....	39,319.17
" 7 .....	56,161.18	I.D. 85 .....	3,073.75
" 8 .....	20,518.23	M.D. 87 .....	10,281.76
" 9 .....	38,329.78	" 90 .....	11,460.80
" 10 .....	54,454.45	" 92 .....	99,090.80
" 11 .....	21,334.41	I.D. 95 .....	29,487.81
" 12 .....	40,331.06	" 96 .....	16,117.39
" 13 .....	20,173.89	" 101 .....	21,058.76
" 14 .....	90,203.11	" 102 .....	36,001.86
" 16 .....	70,257.01	" 107 .....	5,229.52
" 17 .....	45,275.46	" 108 .....	36,531.21
" 18 .....	30,081.93	" 109 .....	92,142.74
" 19 .....	50,479.44	" 111 .....	3,634.98
" 20 .....	11,396.62	" 122 .....	2,744.61
" 21 .....	2,464.26	" 124 .....	47,961.18
" 22 .....	23,516.58	" 125 .....	70,846.12
" 23 .....	14,515.24	" 126 .....	40,327.99
" 24 .....	32,560.77	" 128 .....	325.92
" 25 .....	30,802.84	" 129 .....	93.53
" 26 .....	23,680.62	M.D. 130 .....	53,531.43
" 27 .....	32,179.84	I.D. 131 .....	17,743.37
" 28 .....	133,381.41	" 132 .....	3,233.81
M.D. 6 .....	26,788.56	M.D. 133 .....	17,153.94
" 9 .....	28,130.88	I.D. 134 .....	62,541.83
I.D. 10 .....	2,544.74	M.D. 135 .....	35,993.63
" 11 .....	17,846.82	" 136 .....	82.06
M.D. 14 .....	23,886.34	I.D. 138 .....	53,124.74
I.D. 22 .....	11,226.88	" 139 .....	39,041.69
M.D. 26 .....	49,199.55	" 143 .....	611.96
" 31 .....	10,909.22	" 147 .....	15,269.78
I.D. 42 .....	54,947.27	Special Area 2 .....	7,694.56
		" " 3 .....	3,917.57
			<u>\$3,160,369.81</u>

**SUMMARY**

Appropriation 1530 .....	\$ 434,024.68
" 1531 .....	150,232.37
" 1532 .....	1,977,820.89
" 1533 .....	306,825.62
" 1556 .....	291,466.25
	<u>\$3,160,369.81</u>

GOVERNMENT OF THE PROVINCE OF ALBERTA  
DEPARTMENT OF HIGHWAYS

STATEMENT OF EXPENDITURE ON CONSTRUCTION OF BRIDGES  
For the Year Ended March 31st, 1967

**CONSTRUCTION**

I.D., M.D.,			I.D., M.D.,		
County		Total	County		Total
Administration		\$ 52,789.27	M.D. 6		\$ 201,726.40
Equipment		18,362.92	" 9		260,104.21
Research		27,922.99	" 14		29,903.48
Sick Leave		4,566.42	" 26		34,935.44
City of Edmonton			" 31		71,776.07
50th Street Overpass		4,280.42	" 34		630,454.71
			I.D. 42		155,443.64
<b>Special Areas:</b>			M.D. 44		116,480.69
S.A. 3		2,749.34	I.D. 46		466,504.18
			M.D. 48		29,949.20
			I.D. 58		35,921.08
County 1		86.75	" 69		186,879.11
" 3		1,025.85	M.D. 82		34,512.17
" 6		131,751.51	" 84		17,636.23
" 7		735,401.10	" 90		109,555.86
" 8		2,214.64	" 92		140,998.79
" 10		8,980.38	I.D. 95		13,501.11
" 11		17,061.40	" 96		177.14
" 12		1,375.91	" 102		113,225.42
" 14		81,511.03	" 107		163,212.23
" 16		456.76	" 109		45,998.23
" 17		66,511.89	" 111		240,713.49
" 19		12,634.17	" 121		29,159.82
" 20		195,709.38	" 122		58,441.33
" 21		20,589.75	" 124		169,792.18
" 24		3,374.20	" 125		106,674.61
" 25		12,444.25	" 126		68,521.92
" 26		1,098,120.32	" 131		224,126.83
" 27		598.73	" 134		56,524.36
			M.D. 135		2,359,643.79
			I.D. 143		2,863.10
			" 147		28,588.81
			Appropriations 1583 and 1595		\$8,704,465.01

**NORTHERN DEVELOPMENT — BRIDGES**

*I.D. 110	\$ 141,437.41
" 139	66,768.98
" 146	5,076.98
" 147	100,562.62
" 148	358.25
Appropriation 1591 (part)	<u>\$ 314,204.24</u>

**SUMMARY**

Appropriation 1583	\$8,004,549.48
" 1591 (part)	314,204.24
" 1595	699,915.53
	<u>\$9,018,669.25</u>

\*Winter Works Incentive Programme

GOVERNMENT OF THE PROVINCE OF ALBERTA  
DEPARTMENT OF HIGHWAYS

WINTER WORKS INCENTIVE PROGRAMME  
For the Year Ended March 31st, 1967

## BRIDGE BRANCH—

## Appropriation 1556:

I.D., M.D.,			I.D., M.D.,		
County		Amount	County		Amount
M.D.	6	\$ 44.83	County	1	\$ 7,968.55
"	9	40.70	"	2	13,640.07
"	14	3,574.74	"	3	2,180.74
I.D.	22	8,082.27	"	4	9,977.66
M.D.	26	14,041.85	"	5	59.81
"	31	3,176.19	"	8	695.84
"	44	3.01	"	9	106.52
"	48	8,621.33	"	10	415.75
I.D.	58	8,004.47	"	12	1,502.92
M.D.	61	2,786.51	"	13	1,357.78
"	62	14.75	"	14	32,643.26
I.D.	65	14.96	"	16	16,683.50
"	78	1,732.50	"	17	11,567.93
M.D.	87	64.13	"	18	4,879.66
"	90	4,926.92	"	19	155.39
"	92	1,683.86	"	20	1,731.95
I.D.	95	4,827.17	"	21	392.85
"	101	9,693.24	"	23	1,799.66
"	102	16,577.08	"	24	10,503.90
"	125	24,802.39	"	25	1,698.51
"	126	10,764.63	"	26	7,006.14
M.D.	130	444.07	"	27	7,432.45
"	133	4,359.27	"	28	12,542.48
I.D.	138	3,695.81			
"	139	5,086.53	Special Area 3		725.65
"	147	6,734.07			
					\$ 291,466.25

## Appropriation 1591:

I.D. 110 ..... \$ 141,437.41

## Appropriation 1595:

M.D.	9	\$ 22,549.12	I.D.	107	\$ 1,074.29
"	26	32,689.35	"	111	121,225.24
I.D.	42	99,334.81	"	122	5,908.01
"	58	35,921.08	"	124	95,213.47
M.D.	82	34,512.17	"	125	24,556.88
"	90	27,447.95	"	126	28,270.65
"	92	129,197.87	"	147	3,635.00
I.D.	102	37,801.47	County	3	29.19
			County	17	548.98
TOTAL					\$ 699,915.53
					<u>\$ 1,132,819.19</u>



GOVERNMENT OF THE PROVINCE OF ALBERTA  
DEPARTMENT OF HIGHWAYS

Statement of Expenditure for the Year Ended March 31st, 1967

GRANTS TO MUNICIPALITIES FOR STRUCTURES AND ROADS

**Calgary:**

South-East and South-West Bypass .....	\$ 23,586.74	
Bowness Connection .....	9,304.65	
85th Street Overpass .....	31,547.57	
24th Street Expressway .....	1,650,837.55	
Trans-Canada Highway .....	251,315.20	
MacLeod Trail .....	256,192.98	
Blackfoot Trail — 80th Avenue — 162nd Avenue .....	67,022.22	
48th Avenue North from J. Laurie Boulevard .....	61,929.58	
John Laurie Boulevard .....	52,366.39	
Highway 1A — From Charleswood Drive — 85th Street .....	46,000.00	
Shaganappi Trail from Sarcee Trail to Blackfoot Trail .....	20,293.92	\$ 2,470,396.80

**Edmonton:**

St. Albert Trail .....	223,516.08	
Jasper Freeway, 152nd Street to 105th Street .....	110,053.66	
Jasper Freeway, 67th Street to 50th Street .....	79,400.00	
Jasper Freeway, Downtown Loop .....	69,501.99	
West City Route, 111th Street, 40th Avenue to 45th Avenue (		
Glenora Interchange )		
Mayfair Interchange (	158,498.66	
111th Avenue, 121st Street to St. Albert Trail .....	35,250.00	
South City Approach, 63rd Avenue to 105th Street Bridge .....	77,342.94	
137th Avenue, South half 82nd Street to 97th Street and		
127th Street to St. Albert Trail .....	115,827.88	
West half of 50th Street, 90th Avenue to 98th Avenue .....	79,219.57	
West half of 122nd Street, 44th Avenue to 51st Avenue .....	73,871.91	
66th Street East half, 137th Avenue to 143rd Avenue .....	26,929.61	
S.W. Bypass, 103rd Street to 170th Street .....	146,366.36	
Capilano Bridge and Approaches .....	51,397.91	1,247,176.57

**Red Deer:**

45th Street Overpass .....	800.70	
Highway 2A and 49th Avenue Red Deer River Bridge .....	148,217.52	
55th Street and 40th Avenue .....	73,935.86	
67th Street to Highway 2A .....	3,097.99	226,052.07

**Camrose:**

Highway 13 .....	190,500.00
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**Lloydminster:**

Highway 16 .....	220,780.53
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**Drumheller:**

Penitentiary Access Road from Highway 9 .....	53,959.35
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**Lethbridge:**

S.W. Bypass, Mayor Magrath Drive and Highway 3 .....	31,503.16	
S.W. Bypass, North Link .....	146,438.00	177,941.16

**City of Wetaskiwin:**

Reconstruction 40th Avenue and 47th Street .....	41,933.10
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Coaldale C.P.R. Crossing .....	889.40
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Appropriation 1551 \$ 4,629,628.98

GOVERNMENT OF THE PROVINCE OF ALBERTA  
DEPARTMENT OF HIGHWAYS

**SURVEYS AND COMPENSATION FOR LAND BRANCH**

C. W. Youngs, Director of Surveys

Report for the Year Ended March 31st, 1967

**SURVEYS: Field Work**

Township surveys—One hundred and sixty-four miles of traverse was surveyed in the Rainbow Lake area to establish survey control for townships 109 to 112 inclusive in ranges 5 to 8 inclusive, west of the 6th Meridian.

One Alberta Land Surveyor was made available for township subdivision required by the Department of Lands and Forests in townships 68-21-5, 87-1-6, 109-9-5 and 109-10-5. In connection with this work seven miles of central meridian were surveyed in townships 110-9-5 and 110-10-5 to connect with Highway 58.

Sixteen miles of new and fourteen miles of retracement township surveys were carried out in townships 8-3-5, and 80-9-5.

City Control Surveys—A continuation of the City Control Survey programme established a total of 271 monuments comprised of 129 in Calgary, 74 in Red Deer and 68 in Medicine Hat. These were established by the cities with the survey and computing being done by this branch. Reconnaissance and monumentation were done for 100 stations in the Edmonton area in addition to those established by the city with observing being done by the Federal Government.

Road Surveys—A total of 262 surveys were carried out for highway rights-of-way and local roads within improvement districts.

Miscellaneous Surveys—In accordance with The Alberta Surveys Act, 102 surveys were performed for other government departments, 23 miscellaneous surveys were carried out for the Department of Highways.

Inspection Surveys—Inspection surveys were conducted as required under authority of The Alberta Surveys Act to determine the validity of plans submitted for examination. Corrections were made when required in accordance with the findings of the inspection.

**SURVEYS: Plan Examination**

Plans of surveys performed in accordance with The Alberta Surveys Act were examined for compliance with the Act and regulations. The following is a list of plans examined for submission to Land Titles Office for registration:

Department of Highways plans .....	316
Municipal District plans .....	383
Right-of-way plans .....	850
Re-establishment of corners plans .....	212
Townsite Subdivision plans .....	674
Wellsite plans .....	85
<b>TOTAL .....</b>	<b><u>2,520</u></b>

**MAPPING: Township Plans**

Returns of surveys of base lines, central meridians and new or restored townships were examined and the following plans drawn and printed:

Township and base line plans (new editions) .....	14
Township plans (revised editions) .....	1
Township plans (restored editions) .....	48

Preparatory work for urban cadastral mapping, such as map sheet determination and draughting indices and forms, was carried out.

**MAPPING: General**

Maps and plans were produced for the following Departments as indicated.

**Department of Highways:**

1":12 miles General Alberta map in two sections, multicolour.

One 1":8 miles Alberta relief model.

One small scale special Alberta map, multicolour.

Seven special Alberta base maps.

Two 250,000 base maps.

Forty-eight miscellaneous maps, drawings and charts.

12,975 maps and plans or copies were supplied from stock to government departments or sold to the public.

**Department of Agriculture:**

Three unpainted Alberta relief models, scale 1":8 miles.

One special map, multicolour.

Six special base maps.

Three miscellaneous drawings and charts.

**Department of Industries and Development:**

Alberta Road Map, multicolour.

Three special maps, multicolour.

Ten special base maps.

Twenty-five miscellaneous drawings and charts.

**Department of Public Health:**

Two special maps, multicolour.

**Department of Municipal Affairs:**

Alberta Municipalities Map, scale 1":12 miles, in two sections, multicolour.

Alberta Municipalities Map, scale 1":40 miles, multicolour.

Two special maps, multicolour.

Two miscellaneous drawings.

**Department of Mines and Minerals:**

One special base map.

Three miscellaneous drawings.

**Department of the Provincial Secretary:**

One special map, multicolour.

One Alberta base map.

Eight unpainted Alberta relief models.



**Department of the Executive Council:**

1":12 miles Provincial Electoral map, in two sections, multicolour.  
 Edmonton and Calgary Provincial Electoral maps, multicolour.  
 Four special base maps.  
 Sixty-two special electoral enlargements.  
 Legislative Assembly Seating Plans.  
 Ten miscellaneous drawings and charts.

**Alberta Atlas Committee:**

One special map.  
 Six miscellaneous drawings and charts.

**Alberta Research Council:**

Five special base maps.  
 Two miscellaneous drawings.

**Personnel Administration Office:**

Seven special maps.

**Alberta Power Commission:**

One special map, multicolour.

**Alberta Government Telephones:**

One special Alberta base map.  
 One special map, multicolour.

**Department of Public Welfare:**

Two special E.M.O. charts.

**Surveys and Mapping Branch in Ottawa:**

Twenty-two revision manuscripts.

**Alberta Board on Geographical Names:**

Evaluation and recording of geographic nomenclature.

**Compensation and Disposition of Title for Roadways:**

Site titles received for custody from the Department of Public Works—59.  
 Department of Highways titles received—120.

Notifications transferring title to abandoned roadways—1,366.

Vouchers covering payment of compensation for areas acquired for roadways:

	Vote	No. of Vouchers	Amount
Main Highways .....	1584	1,029	\$1,873,152.52
Maintenance .....	1512 & 1513	455	55,588.33
Stock Advance .....		37	477,272.24
Surveys .....	1581	11	1,257.32
Bridges .....	1533	13	10,801.00
McKenzie Highway ....	1589 & N.D.1		
	1591	8	1,488.50
Campsite .....	1588	1	60.00
TOTALS .....		1,554	\$2,419,619.91

**Leases:**

Twenty-eight new leases of road allowances were issued and twenty-four free leases were in effect for that portion of the Province lying north of Township Thirty-six, making a total of 444 leases in force.

Fifty-six leases of sites were in effect.

**Reproductions:**

463,561 square feet of ozalid printing was done on paper base, and 14,665 square feet on film base.

The following is a summary of the work done by the branch, described above:

Surveys requested and brought forward from 1965 .....	715
Surveys requested during 1966 .....	299
Surveys performed or cancelled during 1966 .....	268
Surveys carried forward to 1967 .....	756
Department of Highways plans examined and approved .....	316
Municipal District plans examined and approved .....	383
Right-of-way plans examined and approved .....	850
Re-establishment of corners plans examined and approved .....	212
Townsite subdivision plans examined and approved .....	674
Wellsite plans examined and approved .....	85
Maps and drawings produced .....	262
Township and settlement plans printed, restored and reprinted .....	63
Site titles received and recorded .....	59
Transfers issued covering land no longer required .....	1,366
Vouchers for payment of land acquired .....	1,554
Leases for road allowances in force .....	444
Leases for sites in force .....	56
Ozalid printing done in square feet .....	478,226

GOVERNMENT OF THE PROVINCE OF ALBERTA  
DEPARTMENT OF HIGHWAYS

**MOTOR VEHICLES BRANCH**

C. J. Kenway, Registrar

**MOTOR VEHICLES REGISTRATION DIVISION:**

During the fiscal year ended March 31st, 1967, a total of 699,883 vehicles were registered. This indicates an increase of 39,536 over registration for the previous year. The main area of increase appears in passenger car registrations which are 20,424 over last year. Public service and commercial vehicles are up 8,969 while trailers have increased by 7,559.

Transfer registration during the year totalled 121,952, change-of-address transactions on vehicle registrations were 85,267 and there were 17,106 license plate exchanges from one category to another.

**1966/67 Registrations were as follows:**

Passenger cars .....	442,144
Motorcycles .....	11,615
Dealers .....	2,802
Registration trailers .....	56,368
Public service and commercial vehicles .....	186,954
	<u>699,883</u>

**Public service vehicles: (operated for compensation)**

P.S.	Freight vehicles .....	6,393	
E	" " .....	4,580	
U	" " —cities, towns, villages and five mile radius .....	6,325	
L	Liveries and taxi-cabs .....	1,158	
D.U.	Drive-yourself .....	1,893	
BUS	Franchised buses .....	935	
S.B.	School buses .....	3,497	24,781

**Commercial vehicles:**

C.V.	Business firms (transporting own goods) .....	19,522	
X	Miscellaneous and for commercial operations— cities, towns, villages and five mile radius .....	38,057	
F	Farm operations .....	93,974	
G	Federal, provincial, municipal governments .....	8,759	160,312

**Trailers:**

Public service and commercial trailers .....	1,861	1,861
		<u>186,954</u>

**CENTRAL REGISTRY SECTION:**

	1964	1965	1966
Registration of encumbrances .....	137,208	134,501	134,455
Notices of seizure .....	3,121	3,454	3,371
Searches .....	61,706	62,747	64,999



**DRIVER EXAMINATION SECTION:**

During the 1966 calendar year two new testing centres were opened—High Level and Innisfail. The total testing centres now stands at 88.

A total of 93,234 road tests were conducted during the year resulting in 55,028 passes and 38,206 failures.

Restricted licenses were granted as follows:

Adequate glasses — 20,910

Stipulated area — 126

**FINANCIAL RESPONSIBILITY SECTION:**

The compilation of suspended drivers issued as of the close of 1966 listed 17,476 names. This is an increase of 2,038 over 1965.

**Conviction Record:**

	(1965)		(1966)	
	V.H.T. Act	C.C.C.	V.H.T. Act	C.C.C.
EDMONTON .....	13,910	1,597	14,204	1,707
CALGARY .....	12,117	1,115	12,462	1,092
LETHBRIDGE .....	982	106	2,487	177
MEDICINE HAT .....	873	61	1,014	54
ALL OTHERS .....	20,410	1,186	23,310	1,436

**OPERATOR'S LICENSING SECTION:**

During 1966, 96,930 licenses were issued. Total licensed drivers in the Province now stands at 776,122.

**DRIVER REVIEW BOARD:**

The Board held 50 meetings during the year discussing 1,502 cases. 452 drivers were suspended following Board consideration while 509 were placed on renewed probation. The remaining 541 operators were warned that further violations would result in renewed Board action. Referrals to the Alberta Safety Council Traffic Clinic totalled 183.

The Review Board staff is charged with the added duty of compiling individual driving records for insurance companies and employers and 58,332 such requests were filled during 1966.

**THE HIGHWAY TRAFFIC BOARD**

This Board is constituted under The Public Service Vehicles Act and has as its prime function the implementation of this Act. By delegation of Federal authority, it also administers the Motor Vehicle Transport Act (Statutes of Canada).

The Board is a body corporate and at the present time consists of the following personnel:

C. J. Kenway — Chairman  
 O. A. Griggs — Secretary  
 J. Pritchard — Member  
 G. S. Syska — Member  
 L. Bussard — Member

The following report covers the Board's activities for the period April 1, 1966 to March 31, 1967. During this period the Board held 33 regular meetings and 19 special meetings. In addition the Board held 16 public hearings in connection with applications for extra-provincial operating authority.

#### EXTRA-PROVINCIAL CARRIERS:

In its exercise of administrative powers under The Motor Vehicle Transport Act (Statutes of Canada) the Board considered a large number of applications for extra-provincial operating authority either on a renewal basis or on the basis of new applications. Of these, 676 applications were approved and operating authority certificates were granted in accordance with the following distribution:

#### Canadian Carriers (excluding Alberta):

Operating authorities certificates renewed .....	232
New applications processed .....	16
Transportation of household goods .....	99
"    " general merchandise .....	15
"    " petroleum products .....	15
"    " livestock .....	24
"    " oilfield and construction equipment .....	10
"    " specified commodities .....	85
TOTAL .....	<u>248</u>

#### United States Carriers:

Operating authorities certificates renewed .....	72
New applications processed .....	22
Transportation of household goods .....	7
"    " general merchandise .....	7
"    " fruit and vegetable produce .....	28
"    " livestock .....	5
"    " oilfield and construction equipment .....	8
"    " specified commodities .....	39
TOTAL .....	<u>94</u>

#### Alberta Carriers:

Operating authorities certificates renewed .....	296
New applications processed .....	38
Transportation of household goods .....	29
"    " general merchandise .....	46
"    " petroleum products .....	22
"    " livestock .....	16
"    " oilfield and construction equipment .....	42
"    " lumber and building supplies .....	23
"    " farm machinery .....	12
"    " specified commodities .....	144
TOTAL .....	<u>334</u>

In conjunction with the foregoing the Board granted a total of 131 requests for various amendments to certificates previously issued, granted 6 reinstatements and cancelled 12 other certificates.

The Board also renewed 122 applications for Alberta resident plates, processed 20 new applications and issued 1,052 resident plates.

The identification plates herein referred to as "Alberta resident plates" are a special issue used as a means of readily identifying operators resident in Alberta for reciprocal agreement purposes.

RECIPROCITY:

The Province of Alberta has negotiated and maintains reciprocal arrangements as to the registration and operation of motor vehicles on international and interprovincial basis. As a consequence of this, the Board administers matters pertaining to any such arrangements in relation to public service and commercial vehicles.

At the time of this report the Province of Alberta enjoys full reciprocity with some thirty-two states of the United States of America plus partial reciprocities with three other states.

Full reciprocity arrangements are held with the following states:

ALASKA	MASSACHUSETTS	PENNSYLVANIA
ARKANSAS	MINNESOTA	RHODE ISLAND
CALIFORNIA	MISSOURI	SOUTH DAKOTA
CONNECTICUT	MONTANA	TEXAS
DELAWARE	NEBRASKA	WEST VIRGINIA
DISTRICT OF COLUMBIA	NEW HAMPSHIRE	WYOMING
FLORIDA	NEW YORK	WISCONSIN
ILLINOIS	KENTUCKY	WASHINGTON
IOWA	NORTH CAROLINA	
INDIANA	OHIO	
KANSAS	OREGON	
LOUISIANA	OKLAHOMA	

Partial or limited reciprocity is in effect with:

IDAHO	NORTH DAKOTA	UTAH
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In relations with other Canadian Provinces, Alberta has reciprocal arrangements of one type or another with six Provinces and the Northwest Territories. The Provinces participating in reciprocal arrangements are as follows:

MANITOBA	— Canadian model agreement signed.
ONTARIO	— Canadian model agreement signed.
PRINCE EDWARD ISLAND	— Full reciprocity.
QUEBEC	— Full reciprocity on household goods and natural products of farm or forest only, no other.
SASKATCHEWAN	— Canadian model agreement signed.
NOVA SCOTIA	— Full reciprocity on household goods.
NORTHWEST TERRITORIES	— Partial fee.

In conjunction with the foregoing, the following permits were issued for the year ended March 31st, 1967.

(a) Motor vehicle reciprocity permits .....	7,230
(b) Special permits for foreign buses .....	35



**(a) NEW BUS ROUTE CERTIFICATES GRANTED:**

Capital City Sight Seeing Tours .....	Edmonton Big Island Resort.
Husky Bus Lines .....	Within the Town of Fort McMurray.
Tony Merkle, Taber Bus Lines .....	Taber to Vauxhall.
Oilfield Technical Assistants .....	Swan Hills to House Mountain.
R. A. Theroux .....	Point to Point within Town of Ft. Saskatchewan.
Windfall Employees Co-operative Association Limited .....	Whitecourt to Windfall.

**(b) DISCONTINUED SERVICE:**

B.C. Coach Lines .....	Alberta/B.C. Border to Town of Jasper.
A. Bellingham .....	Calgary to Ammonia Plant in Calgary.
Norman Scheiwe .....	49th Avenue & 119th Street to 82nd Avenue & 109th Street, Edmonton.

**(c) TRANSFER OF BUS ROUTE CERTIFICATES:**

B.C. Coach Lines to Coachways Ltd. ....	Alberta/B.C. Border to Town of Jasper.
Diversified Equipment Rentals Ltd. to Greyhound Lines of Canada .....	Edmonton to Ft. Saskatchewan
Brown's Bus Lines to Mike's Bus Lines .....	Drumheller to Nacmine
	" to Midland
	" to East Coulee
	" to Riverview Park
	" to Fed. Penitentiary at Drumheller

The following is a summary of the mileage travelled by all bus companies for the period ending March 31st, 1967:

**ACTUAL MILES TRAVELLED:**

Gravel or Dirt Highways	Paved Highways	Total
1,301,444	8,984,923	10,286,367

**PASSENGER MILES TRAVELLED:**

Gravel or Dirt Highways	Paved Highways	Total
43,601,145	339,314,073	382,915,218

During the year, approximately 2,377,532 passengers were carried.

**LIST OF BUS ROUTES: (As of March 31, 1967)**

Name of Bus Operator	From	To
Bannerman, C. E. ....	Olds	Sundre
B.C. Coach Lines Ltd. ....	B.C./Alta. Border	Town of Jasper
Bellingham, A. ....	Calgary	Ammonia Plant in Calgary
Blue Goose Lines Ltd. ....	Edmonton	Lac La Biche
	"	Namao
	"	Ft. McMurray
Branch Lines Ltd. ....	Edson	Cadomin
Calgary Gray Lines Ltd. ....	Sight-seeing routes within Calgary	
Canadian Coachways Ltd. ....	Edmonton	High Prairie
	"	Alta./B.C. Border at Bay Tree
	Edmonton	Grande Prairie
	Peace River	Ft. Vermilion
	" "	N.W.T. Border
	Edmonton	Alta./B.C. Border at Demmitt
	Edmonton	Whitecourt
	"	Athabasca
	"	Rimbey (via Breton)
	Fairview	Hines Creek

Name of Bus Operator	From	To
Canadian Coachways (Cont'd)	Valleyview	Peace River (McLennan)
	Edmonton	Lodgepole
	Jct. 2 & 49	Peace River
	Ft. Vermilion	La Crete
	Alberta Beach	Hillcrest Corner (33 & 43)
	Edmonton	Brazeau Power Site
	"	N.W.T. (via McLennan)
	Rimbey	Red Deer
	Alta./B.C. Border	Town of Jasper
Bruce Fraser and Gladys M. Fraser		
c/o Capital City Sight-Seeing Tours	Edmonton	Alberta Game Farm
	Tours of	Edmonton
	Edmonton	Big Island Resort
Cardinal Coach Lines	Rimbey	B.A. Gas Plant
	Stettler	Nevis
	Calgary Sight-Seeing Tours	
	Pincher Creek	Drywood
	Calgary	Airdrie
	Pincher Creek	Shell Oil Waterton Gas Plant
	Calgary	Turner Valley
	"	Happy Valley Recreation Centre
	"	Petrogas Plant at Balzac
Diamond Bus Lines Ltd.	Edmonton	Edmonton East Industrial Area
	"	Sherwood Park
Dicken Bus Lines Ltd.	Coleman	Crowsnest
	Bellevue	"
Diversified Equipment Rentals Ltd.	Edmonton	Wabamun
City of Edmonton	City Limits	Canadian Chemical Co.
Glacier Park Trans. Co.	Chief Mtn.	Waterton Lakes Townsite
Greyhound Lines of Canada Ltd.	Calgary	Waterton Lakes via Hwys. 2, 3 & 6
	"	Walsh
	"	Banff Park Gates via Hwy 1
	Edmonton	Jasper Park Gates
	Calgary	Waterton Lakes
	"	Banff Pk. Gates via Hwys 1A & 1
	"	Lethbridge
	Ft. Macleod	Walsh
	Calgary	Medicine Hat
	"	Crowsnest via Hwys. 2, 2A & 3
	"	Crowsnest via Hwys. 2 & 3
	"	Lethbridge via Hwys. 2A, 23 & 3
	Calgary	Coutts
	Edmonton	Calgary via Hwys. 2, 2A & 2
	"	" via Hwy. 2
	"	Hinton via Seba Beach
	"	Lloydminster, Hwys. 15 & 16
	"	" Hwy. 16
	Fort Macleod	Taber
	Edmonton	Vegreville
	Medicine Hat	Ft. Macleod
	Ft. Macleod	Coutts
	"	Lethbridge
	"	Calgary
	Calgary	Alsask
	"	Taber
Joseph Fortunaso	Bellevue	Sentinel
W. J. Harrison	Calgary	Baker Memorial Sanatorium
	"	Spy Hill Gaol
Handy Cabs Ltd.	Point to Point in the City of	Calgary
Ken's Transfer Ltd.	Fort McMurray Airport	Mildred Lake
	" " "	Fort McMurray
Kotyshyn, A.	Two Hills	Duvernay
Lethbridge Northern Bus Lines	Lethbridge	Picture Butte
	"	Tours within City
	"	Turin
	Hillcrest	Coleman Vicary Creek Mine
	Lethbridge	Waterton Pk Gates, Hwy. 5

Name of Bus Operator	From	To
Merkle, Tony .....	Taber	Vauxhall
McMurray, R. R. ....	Union Bus Depot	International Airport, Edmonton
Mike's Bus Lines .....	Drumheller	East Coulee
	"	Midland
	"	Nacmine
	"	Riverview Park (City Only)
	"	Fed. Penitentiary, Drumheller
Northland Arrow Lines .....	Edmonton	Swan Hills
	"	Barrhead
	"	St. Albert
Prairie School Bus (1961) Ltd. ....	Red Deer	Penhold Airport
Redcliff Bus Lines .....	Redcliff	Medicine Hat
Scheiwe, Norman .....	40 Ave. & 119 St.	82 Ave. & 109 St., Edmonton
Sunburst Motor Coaches Ltd. ....	Stettler	Calgary
	Consort	Red Deer
	Rky. Mtn. House	Red Deer
	Edmonton	Elk Point
	"	Saskatchewan Border
	"	Hardisty
	"	Cold Lake
	"	Camrose
	"	Marwayne
	Camrose	Alix
	Edmonton	Cold Lake, Hwys. 28 & 28A
	"	Chauvin
	Camrose	Alliance
Yellow Cab .....	Edmonton	Nisku Airport

#### SAFETY DIVISION:

The Board maintains a Safety Division which, in addition to the promotion of highway safety generally, has undertaken two new primary functions:

1. A voluntary vehicle inspection programme
2. A High School driver education programme

#### Vehicle Inspection:

This division obtained equipment for two portable inspection stations which commenced operation on July 9th, 1966 and terminated on October 31st, 1966. During this period of time the inspection units were operated in twenty-nine separate locations and undertook the following inspections:

Total number of vehicles tested .....	9,335
" " " rejected .....	2,866
" " " re-tested .....	1,750

#### High School Driver Education:

An extensive programme was initiated involving fifty meetings and nineteen high schools throughout the Province. Twenty-eight semesters were conducted involving five hundred and thirty-four students, all but two of whom graduated and were issued with proficiency certificates.

The following is a statistical summary of other activities engaged in by the Safety Division during the period of April 1st, 1966 to March 31st, 1967:

#### Driver Improvement Course:

Number conducted .....	2
Average attendance .....	50

#### Car Roados:

Number held .....	8
Attendance—Jay-Cees .....	30
Paraplegics .....	21
Provincial Finals .....	24



**Bus Driver Schools:**

Number held ..... 9  
 Average attendance ..... 50

**Public and Separate Schools (Safety Meetings):**

Number meetings held ..... 92  
 Average attendance ..... 200

**Home and School Associations:**

Number meetings held ..... 4  
 Average attendance ..... 20

**Service Clubs:**

Number meetings held ..... 18  
 Average attendance ..... 30

**Conventions:**

Number visited ..... 3

During the course of the year, the Board issued a number of over-load and overdimensional permits in accordance with the following schedule:

**PERMITS EDMONTON BRANCH:**

Overload permits ..... 10,713  
 Building permits ..... 1,448  
 Miscellaneous permits ..... 8,767

**PERMITS CALGARY BRANCH:**

Overload permits ..... 2,320  
 Building permits ..... 416  
 Miscellaneous permits ..... 5,245

**PERMITS OTHER BRANCHES:**

Overload permits ..... 138  
 Building permits ..... 134  
 Miscellaneous permits ..... 1,716

The Board also issued 360 special permits to school bus operators transporting children and groups to various functions in the Province.

In connection with overload permits, the following revenue was received:

Edmonton branch .....	\$242,277.00
Calgary branch .....	83,683.00
Other branches .....	4,865.00
<b>TOTAL .....</b>	<b>\$330,825.00</b>

In conjunction with overload permits, the Board maintained 218 overload permit accounts with 812 companies or individuals filing insurance policies as a prerequisite to the issuance of overload and overdimensional permits.



# ANNUAL REPORT OF MOTOR VEHICLE TRAFFIC ACCIDENTS

## NUMBER OF ACCIDENTS

### 1. By Month of Occurrence

	Fatal	Non-fatal injury	Property damage only	Total
January	17	301	3170	3488
February	14	275	1984	2273
March	10	316	1717	2043
April	22	427	2139	2588
May	14	325	1897	2237
June	30	586	2270	2886
July	33	687	2485	3205
August	39	572	2396	3007
September	33	550	2151	2734
October	33	571	2630	3234
November	24	468	3529	4021
December	22	481	3399	3902
Not stated		6	20	26
Total	291	5764	29787	35842

### 2. By Day of Occurrence

	Fatal	Non-fatal injury	Property damage only	Total
Sunday	44	930	3483	4457
Monday	27	634	3715	4376
Tuesday	33	616	3655	4304
Wednesday	32	620	3716	4368
Thursday	28	732	4088	4848
Friday	57	979	5003	6039
Saturday	70	1239	6080	7389
Not stated		14	47	61
Total	291	5764	29787	35842

### 3. By Hour of Occurrence

	Fatal	Non-fatal injury	Property damage only	Total
12 to 1 A.M.	24	295	1186	1505
1 to 2 A.M.	9	201	766	976
2 to 3 A.M.	18	161	527	706
3 to 4 A.M.	4	107	309	420
4 to 5 A.M.	5	75	219	299
5 to 6 A.M.	4	53	170	227
6 to 7 A.M.	2	55	238	295
7 to 8 A.M.	3	143	1078	1224
8 to 9 A.M.	10	153	1238	1401
9 to 10 A.M.	3	133	857	993
10 to 11 A.M.	4	184	1116	1304
11 to 12 A.M.	9	193	1280	1482
12 to 1 P.M.	9	219	1473	1701
1 to 2 P.M.	11	232	1405	1648
2 to 3 P.M.	10	257	1593	1860
3 to 4 P.M.	12	370	1904	2286
4 to 5 P.M.	16	459	2669	3144
5 to 6 P.M.	20	457	2575	3052
6 to 7 P.M.	22	398	1715	2135
7 to 8 P.M.	28	398	1839	2265
8 to 9 P.M.	19	335	1578	1932
9 to 10 P.M.	13	276	1236	1525
10 to 11 P.M.	14	271	1222	1507
11 to 12 P.M.	20	318	1406	1744
Not stated	2	21	188	211
Total	291	5764	29787	35842

### 4. By Light Condition

	Fatal	Non-fatal injury	Property damage only	Total
Daylight	113	3075	17431	20619
Dawn	2	80	331	413
Dusk	20	253	1342	1615
Dark	155	2345	10385	12885
Not stated	1	11	298	310
Total	291	5764	29787	35842

### 5. By Type of Accident

	Fatal	Non-fatal injury	Property damage only	Total
Urban -				
Pedestrian	26	726		752
Other motor vehicle	23	1716	19962	21701
Horse-drawn vehicle		1	20	21
Railroad train	8	10	32	50
Street car / trolley coach		4	68	72
Bicycle	2	143	9	154
Motorcycle	3	215	54	272
Other vehicles	4	51	373	428
Animal		5	21	26
Fixed object	14	347	2137	2498
Non-collision	5	83	208	296
Miscellaneous	6	110	847	963
Total	91	3411	23731	27233
Rural -				
Pedestrian	17	44		61
Other motor vehicle	93	854	2380	3327
Horse-drawn vehicle		1	1	2
Railroad train	7	14	21	42
Street car / trolley coach	1	9		10
Bicycle	4	23	5	32
Motorcycle	3	63	111	177
Other vehicles		64	751	815
Animal	15	284	823	1122
Fixed object	46	789	1487	2322
Non-collision	1	209	477	700
Miscellaneous	200	2333	6056	8609
Total	291	5764	29787	35842
GRAND TOTAL (Urban + Rural)				

### 6. By Road Location

	Fatal	Non-fatal injury	Property damage only	Total
Urban -				
Street intersection -				
- with traffic light	9	499	3188	3696
- with police control		2	42	44
- stop signs or flashing light	20	764	4277	5061
- warning, slow signs, etc.	1	220	1230	1511
- no traffic control	8	389	2465	2862
Between street intersections -				
Intersection of private driveway and street or road	13	626	5186	5825
Single-lane road	10	291	2218	2519
Curve	7	102	467	576
Intersection of railroad crossing - automatic signal	4	33	179	216
- manual signal	2	8	49	59
- grade or warning	6	12	39	57
- no control		22	227	249
On bridge				
On busy or dead	11	442	4088	4541
Not stated				
Total	91	3411	23731	27233
Rural -				
Road intersection - with traffic control	11	169	323	503
- no traffic control	14	197	360	567
Intersection of private driveway and street or road	6	81	217	304
Single-lane road	102	1213	3222	4545
Curve	32	387	1083	1502
Intersection of railroad crossing - automatic signal	24	166	543	733
- manual signal		6	1	7
- grade or warning	7	18	33	58
- no control		23	80	103
On bridge				
On busy or dead	4	169	193	266
Not stated				
Total	291	5764	29787	35842
GRAND TOTAL (Urban + Rural)				

### 19. By Age Groups and Type of Accident

	Fatal	Non-fatal injury	Property damage only	Total
Killed -				
Pedestrian	1	9	3	13
Other motor vehicle	7	5	21	28
Horse-drawn vehicle				
Railroad train		1	4	5
Street car / trolley coach				
Bicycle	1	2		3
Motorcycle			6	6
Other vehicles			4	4
Animal				
Fixed object		10	7	17
Non-collision	1	3	10	14
Miscellaneous	1	5	5	11
Total	11	20	59	90
Injured -				
Pedestrian	124	296	87	507
Other motor vehicle	174	320	876	1370
Horse-drawn vehicle				
Railroad train		3	16	19
Street car / trolley coach		1	1	2
Bicycle	1	133	165	299
Motorcycle	1	70	185	256
Other vehicles	7	11	36	54
Animal	3	6	22	31
Fixed object	10	32	287	329
Non-collision	23	79	496	598
Miscellaneous	9	30	123	162
Total	352	981	2145	3478

### 20. By Age Groups and Sex

	Fatal	Non-fatal injury	Property damage only	Total
Killed -				
Male	4	8	48	60
Female	1	12	11	24
Not stated				
Total	11	20	59	90
Injured -				
Male	193	579	1407	2179
Female	152	397	732	1281
Not stated	7	5	6	18
Total	352	981	2145	3478

### NUMBER OF ACCIDENTS - Continued

	Fatal	Non-fatal injury	Property damage only	Total
9. By Type of Road:				
Earth	5	143	805	953
Gravel	87	1291	5213	6591
Paved	199	4300	23345	27844
Not stated		28	424	452
Total	291	5764	29787	35842
10. By Weather Condition:				
Urban -				
Clear	58	2191	14587	16836
Cloudy	24	933	6188	7145
Fog or mist		15	227	242
Smoke or dust		6	145	151
Rain	3	105	1263	1371
Snow or sleet		15	402	417
Not stated				
Total	91	3411	23731	27233
Rural -				
Clear	126	1577	4059	5762
Cloudy	40	473	1010	1523
Fog or mist	10	50	120	180
Smoke or dust	3	26	69	98
Rain	7	109	279	395
Snow or sleet	13	113	170	296
Not stated	1	5	19	25
Total	200	2353	6056	8609
GRAND TOTAL (Urban + Rural)	291	5764	29787	35842

### 11. By Place of Occurrence

	Fatal	Non-fatal injury	Property damage only	Total
Urban -				
Metropolitan roads and streets	73	3016	21486	24575
Urban areas (10,000 population and over)	14	336	1858	2208
Other urban (1,000 to 9,999 population)	4	61	387	452
Total	91	3411	23731	27233
Rural -				
Primary highways	131	1440	3145	4716
Secondary highways	39	433	1375	1887
Local and other roads	30	458	1536	2024
Total	200	2353	6056	8609
GRAND TOTAL (Urban + Rural)	291	5764	29787	35842

### NUMBER OF VEHICLES

	Fatal	Non-fatal injury	Property damage only	Total
22. By Type of Vehicle:				
Passenger	311	6914	44828	52053
Truck	121	1488	7801	9410
Bus	3	66	399	468
Motorcycle	10	380	118	508
Other	16	120	293	429
Not stated	13	141	773	927
Total	474	9109	54212	63795
23. By Condition of Vehicle:				
Apparently good	360	8124	48721	57205
Brakes defective	3	75	471	549
Steering mechanism defective		41	112	153
Puncture or blowout	1	76	175	252
Glaring headlights		1		1
Headlights - dim		9	34	43
- one (both lights)	1	3	12	16
Tail light out or obscured	1	17	58	76
Other defects	5	54	227	286
Not stated	103	709	4418	5230
Total	474	9109	54212	63795
24. By Direction of Travel:				
Going straight	341	6216	29763	36320
Turning left	35	889	5984	6908
Turning right	13	326	3354	3693
Slowing down or stopping	3	270	2217	2490
Backing	4	58	1895	1957
Shifting or weaving	25	295	1155	1475
Making U turn	24	766	7957	8747
Parked or stopped	8	68	383	459
Other	20	204	1105	1529
Not stated				
Total	474	9109	54212	63795

### NUMBER OF VICTIMS

	Fatal	Non-fatal injury	Property damage only	Total
YEARS				
0-4	1	9	3	13
5-14	7	5	21	28
15-19				
20-24				
25-34				
35-44				
45-54				
55-64				
65 and over				
Not stated				
Total	11	20	59	90
YEARS				
0-4	124	296	87	507
5-14	174	320	876	1370
15-19				
20-24				
25-34				
35-44				
45-54				
55-64				
65 and over				
Not stated				
Total	352	981	2145	3478

### NUMBER OF DRIVERS

	Fatal	Non-fatal injury	Property damage only	Total
28. By Condition of Driver:				
Urban -				
Apparently normal	67	4313	35814	40194
Extreme fatigue		16	88	104
Physical defect - eyesight		10	89	99
- hearing		4	28	32
- other		8	55	63
Confused by traffic		5	69	74
Ability impaired - by drink	1	89	432	522
- other		5	21	26
Had been drinking	28	615	2417	3060
Not stated	47	591	6519	7157
Total	143	5656	45532	51331









